



**Description:** Protein G Magnetic Beads are an affinity matrix for the small-scale isolation of immunocomplexes from immunoprecipitations (IP assays). Protein G is covalently coupled to a nonporous paramagnetic particle. Protein G exhibits high affinity for subclasses of IgG from many species (including human, rabbit, mouse, rat, and sheep) and can be used for immunoprecipitation assays with these antibodies. Beads can be separated from solution using our 6-Tube Magnetic Separation Rack #7017, which concentrates the beads to the side of the tube instead of the bottom. This eliminates centrifugation steps, minimizes sample loss, increases washing efficiency, and saves time.

**Directions for Use:** Use 40  $\mu$ L of bead slurry per 200  $\mu$ L lysate. Place tubes containing the magnetic beads in a magnetic separation rack and wait 10-15 seconds for the beads to concentrate near the magnet and for the solution to clear. To resuspend, vortex gently.



Immunoprecipitation of PAK2 from COS-7 cells using PAK2 (3B5) Mouse mAb #4825 and Protein G Magnetic Beads. Western blot analysis was performed on the IP pellet (lane 1) and supernatant (lane 2) using PAK2 (3B5) Mouse mAb #4825. **Storage:** Supplied in a 1% Benzyl alcohol solution. Store at 4°C.

Please refer to our **Immunoprecipitation Protocol Utilizing Magnetic Separation,** for complete protocol details.

For application specific protocols please see the web page for this product at www.cellsignal.com.

#8740 MSD

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Cell Signaling TECHNOLC

I. Identification:     Product Tanics: Probin 6 Magnetic Beads     Product Catalog: 8740     Substance/Proparation: Preparation     Asuperation of prefine Convelently bound to proprietary amorphous silica beads in aqueous     temp about the convelent bound to proprietary amorphous silica beads in aqueous     temp about the convelent bound to proprietary amorphous silica beads in aqueous     temp about the convelent bound to proprietary amorphous silica beads in aqueous     temp about the convelent bound to proprietary amorphous silica beads in aqueous     temp about the convelent bound to proprietary amorphous silica beads in aqueous     temp about the convelent bound to proprietary amorphous silica beads in aqueous     support the convelent bound to proprietary amorphous silica beads in aqueous     support to					IX. Physical And Chemical Properties:			
					Appearance: Odor: Odor threshold: pH: Melt Point: Boiling Point: Flash Point: Explosive properties		Brown suspension Very taint aromatic Benxyl alcohol: 5.5 ppm 8.5 101 – 100°C Nome. Not considered to be a fire hazard. Not considered to be an explosion hazard.	
3 Trask Lane Damers, MA 01923 USA 978-967-2300 TEL 978-576-5727 EMEGENCY TEL 11. Composition/Information on Ingredients:					X. Stability and Reactivity: Shallity:Shale user nomel conflict. Hazardes: Polymerization: Will not occur: Hizardes: Beromestike: Silva exercise, tarbon monoidé and carbon monoidé. Cenditions to avoid: Eineate temperature, habing to dryness. Avoid strong hydrofluoric acid doublions:			
Component: Benzyl alcohol	CAS# 100-51-6	% Volume 0.3 – 1.3%	Symbol Xn (Harmful)	Risk Phrase R 20/22	XI. Toxicological Information: Caution: Preparation not yet thoroughly investigated.			
III. Hazard Identification: EMERGENCY OVERVIEW OSM: Non-Australia EV: This product is not classified according to Directive 1999/45/EC.					Caution: Preparat Benzyl Alcohol:		ly investigated. Species: Rat Rat Rat	<b>Dose:</b> 1230 mg/kg >500 mg/m <sup>3</sup> 2000 mg/kg
Appearance: Brown suspension. Possible routes of exposure: Evg/Sinic Ontark: May cause irritation to eyes, skin. Ingestion: May cause gastrointestinal tract irritation.					Draize test, rabbit, skin: 100 mg/24hr Moderate Draize test, rabbit, skin: 16 mg/48hr Mild Benzyl alcohol has been investigated as a mutagen.			
Initialized May cause regulatory that Initiation Risk Prasses: None Safety Phrases: S26 In case of contact theyes rines with plenty of water and seak medical advice. IV. First Aid Measures: Initiation: If initiation advices and the seak medical advice. Inspatient: If seallowed, seak to unadh with water provided person is concision. Get medi- cal attention or a prices for concellative time of advices the medi- attention or a price of concellative time of advices the medi- statements or a concentionated childing. Water I concent of the medical attention. If the sease of contact, timestiately wate shi with soga and water for at least 15 minutes. Ferver concentrationed the concent with eyes. Immediately flush eyes with water for at least 15 minutes. For encoded attention.					XII. Ecological Information: Aquatic Ecotoxicity (Galculated for a 1% by weight aqueous brough alcohol solution): LISO fathead Minor. 46 gdt LISO fathead Minor. 46 gdt LISO pathead Minor. 46 gdt LISO baption anguar. 40 gdt the solution and the solution of the			
V. Fire Fighting Measures: Fash Point: Not Itammable. Autionpliton Temperature: Not considered to be a fire hazard. Explosion: Not applicable. Fire estimplishing media: Water spray, dry chemical, alcohol foam, or carbon dioxide. Fireflighting: Was protective clohing and self-contained breathing apparatus to prevent contact with skin and eyes.					XIV. Transport Information: ICA000Tk Not regulated. DOT: Not regulated. MOG (reas): Not regulated. ADD (read): Not regulated. RUD (real): Not regulated. XV. Regulatory Information:			
VII. Accidental Release Measures: Wear appropriate personal protective equipment. Avoid contact with spilled material. Avoid breathing vapor or mist. Provide adequate ventilation. VII. Handhiling And Storrage:					USHA Regulatory Status: This material is not considered hazardous by the OSHA Hazard Communication Status (20 CFR 1910.1200) US Federal Regulations: TSCA & Components listed or exempted. SARA 302(2047) transditus chemicals: BR/XYLALCOHOL			

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treaming vacor or inst. Provide adexpase ventilation.
VII. Handling And Storage:
Store in tighty closed container at +C.
Kore and store in the analogi.
VIII. Exposure Controls/Personal:
VIII. Exposure Controls/Personal:
UR equilations:
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Orders 🔳 877-616-CELL (2355) orders@cellsignal.com Support 🔳 877-678-TECH (8324) info@cellsignal.com Web 🔳 www.cellsignal.com

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XVI. Other Information: This compand is sold only for *in vibo* laboratory research use only. It is not for use in humans. It is not indended for use a dispatcion or clinical therapeatic. To the best of our knowledge, this document is ascaraft. It is intended to save as a guide for sale use of this radia of a laboratory stating by experience dependent. The whole of sale use of this mate-rate radie of unity with the user, call Signating bechange, Inc., shall not be had labe for any dimage resulting how the backing of or incon coalest with the above product.

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