

| MW (kDa): L 16.9 | iProt ID: Ent P01579 | rez-Gene Id: 3458 |
|----------------------------|--|---|
| Background | limiting th and immu from lymp human ca binds to a binding to phosphor productio activation | hs (IFNs) appear both locally and systematically early after viral infection and participate in the spread of infection. They also affect cell differentiation, growth, surface antigen expression, unoregulation (1). There are three naturally occurring interferons: α, β, and γ. IFN-α is derived bobblastic tissue and has a number of therapeutic applications in the treatment of various ancers and diseases of viral origin. Recombinant IFN-α from both natural and synthetic genes a common cell surface receptor and induces antiviral activity in a variety of cell lines. When to discrete cell surface receptors on target cells, IFN-α induces rapid changes in Jak/Stat ylation, which initiates the Jak/Stat signaling pathway (2). IFN-α signaling also involves on of DAG without an increased intracellular free calcium concentration and the subsequent of calcium-independent isoforms of PKC (β and ε) (3). All IFN-α signaling pathways lead to ations of gene expression, which mediate their pleiotropic biologic activities. |
| | cells (4) ar | o known as type II interferon, is produced mainly in activated T lymphocytes and natural killer nd has broad effects on various cells of the immune system. Synthesis of IFN-γ is induced by naling proteins including IL-2, FGF, and EGF. |
| Purity | >95% | |
| Source / Purification | Recombin | nant human IFN-γ expressed in <i>E. coli</i> |
| Bioactivity | Specific ad | ctivity as determined by a viral resistance assay was less than 0.05 ng/ml. |
| Background Referer | 2. Pellegri 3. Pfeffer, | , E.R. et al. (1982) <i>Ann Intern Med</i> 96, 80-93. ini, S. et al. (1989) <i>Mol Cell Biol</i> 9, 4605-12. L.M. and Colamonici, O.R. (1991) <i>Pharmacol Ther</i> 52, 149-57. H.A. and Hardy, K.J. (1995) <i>J. Leukoc. Biol.</i> 58, 373-381. |
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