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32-8610: Recombinant Mouse Interferon gamma Receptor 1/IFN-gamma R1/CD119 (C-6His)

Gene : Ifngr1
Gene ID : 15979
Uniprot ID : P15261

Description

Source: Human Cells.
MW :26.9kD.
Recombinant Mouse Interferon gamma Receptor 1 is produced by our Mammalian expression system and the target gene encoding Ala26-Asp253 is expressed with a 6His tag at the C-terminus. The tetrameric receptor complex for IFN gamma consists of two subunits, IFNGR1 (IFN gamma R alpha) and IFNGR2 (IFN gamma R beta), through which the dimeric IFN-gamma exerts its biological functions, including antiviral, antiproliferation and immune-modulatory activity in mammals. Both IFNGR1 and IFNGR2 are single transmembrane proteins belonging to the class II cytokine family. FNGR1, widely expressed in most host cells, is essential for IFN gamma binding, receptor trafficking, and signal transduction. IFNGR1 possesses an intracellular Janus tyrosine kinase (JAK) 1 binding site, a signal transducer and activator of transcription 1 (STAT1) binding site. The resulting STAT1 homodimers translocate from the cytoplasm to the nucleus and bind to the interferon-gamma activated sequence (GAS) promoter to induce expression of downstream interferon stimulated genes (ISGs).

Product Info

Amount :	10 µg / 50 µg
Content :	Lyophilized from a 0.2 µm filtered solution of 20mM PB, 150mM NaCl, pH7.4.
Storage condition :	Lyophilized protein should be stored at -20°C, though stable at room temperature for 3 weeks. Reconstituted protein solution can be stored at 4-7°C for 2-7 days. Aliquots of reconstituted samples are stable at -20°C for 3 months.
Amino Acid :	ALTSTEDPEPPSVPVPTNVLIKSYNLNPVVCWEYQNMSQTPIFTVQVKVYSGSWTDSCTNISDHCCNIYEQIMYP DVSAWARVKAKVGQKESDYARSKEFLMCLKGKVGPPGLEIRRKKEEQLSVLVFHPEVVVNGESQGTMFGDGS TCYTFDYTVYVEHNRSGEILHTKHTVEKEECNETLCELNISVSTLDSRYCISVDGISSFWQVRTEKSKDVCIPPFH DDRKDVDHHHHHH

Application Note

Endotoxin : Less than 0.1 ng/ÃÂµg (1 IEU/ÃÂµg) as determined by LAL test.

For Research Use Only. Not for use in diagnostic/therapeutics procedures.