

32-8713: Recombinant Mouse Interferon gamma/IFN-gamma Limitin (C-6His)

Uniprot ID : Q9R1T0

Description

Source: Human Cells.

MW :19.5kD.

Recombinant Mouse Limitin is produced by our Mammalian expression system and the target gene encoding Leu22-Arg182 is expressed with a 6His tag at the C-terminus. Limitin, also called IFN- zeta , is a secreted interferon (IFN)-like glycoprotein. Limitin has approximately 30% sequence homology with IFN- alpha , IFN- beta , and IFN-omega and binds to the IFN- alpha / beta receptors. Like IFN- alpha and IFN- beta , limitin has antiproliferative, immunomodulatory, and antiviral properties, it is unique in lacking influence on myeloid and erythroid progenitors. Similar dose requirement between limitin and IFN- alpha was observed for the enhancement of cytotoxic T lymphocyte activity, the augmentation of MHC class I expression, and the growth inhibition of a myelomonocytic leukemia cell line.

Product Info

Amount : 10 µg / 50 µg

Content : Lyophilized from a 0.2 µm filtered solution of PBS, 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 : LDSGKSGSLHLERSETARFLAELRSVPGHQCLRDRTDFPCPWKEGTNITQMTLGETTSCYSQTLRQVLHLFDTE
ASRAAWHERALDQLSSLWRELQVLKSPREQQQSCLPFALAIRTYFRGFFRYLKAKAHSACSWEIVRVQLQV
DLPAFPLSARRGPRVDHHHHHHH

Application Note

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