

Recombinant Mouse IFN-zeta/Limitin Protein (His Tag)

Catalog No. PKSM041065

Description

Synonyms	Limitin; IFN-z; BGIF; Ifnz; interferon zeta; Lmtin; IFN-zeta
Species	Mouse
Expression_host	Human Cells
Sequence	Leu22-Arg182
Accession	Q9R1T0
Mol_Mass	19.5 kDa
AP_Mol_Mass	19 kDa
Tag	C-6His

Properties

Purity	> 95 % as determined by reducing SDS-PAGE.
Endotoxin	< 1.0 EU per µg as determined by the LAL method.
Storage	Generally, lyophilized proteins are stable for up to 12 months when stored at -20 to -80°C. Reconstituted protein solution can be stored at 4-8°C for 2-7 days. Aliquots of reconstituted samples are stable at < -20°C for 3 months.
Shipping	This product is provided as lyophilized powder which is shipped with ice packs.
Formulation	Lyophilized from a 0.2 µm filtered solution of PBS, pH7.4.
Reconstitution	Please refer to the printed manual for detailed information.

Background

Limitin, also called IFN-ζ, is a secreted interferon (IFN)-like glycoprotein. Limitin has approximately 30% sequence homology with IFN-α, IFN-β, and IFN-ω and binds to the IFN-α/β receptors. Like IFN-α and IFN-β, 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-α 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.

SDS-PAGE

