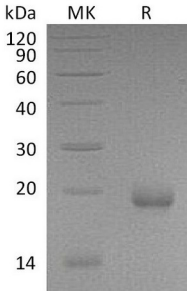
Product Name: Recombinant Mouse Limitin (C-6His)
Catalog #: PHM0970

Summary

Name	Limitin/IFN-zeta/interferon zeta
Purity	Greater than 95% as determined by reducing SDS-PAGE
Endotoxin level	<1 EU/μg as determined by LAL test.
Construction	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.
Accession #	Q9R1T0
Host	Human Cells
Species	Mouse
Predicted Molecular Mass	19.5 KDa
Formulation	Lyophilized from a 0.2 μm filtered solution of PBS, pH 7.4.
Shipping	The product is shipped at ambient temperature. Upon receipt, store it immediately at the temperature listed below.
Stability&Storage	Lyophilized protein should be stored at ≤ -20°C, stable for one year after receipt. Reconstituted protein solution can be stored at 2-8°C for 2-7 days. Aliquots of reconstituted samples are stable at ≤ -20°C for 3 months.
Reconstitution	Always centrifuge tubes before opening. Do not mix by vortex or pipetting. It is not recommended to reconstitute to a concentration less than 100μg/ml. Dissolve the lyophilized protein in distilled water. Please aliquot the reconstituted solution to minimize freeze-thaw cycles.Always centrifuge tubes before opening. Do not mix by vortex or pipetting. It is not recommended to reconstitute to a concentration less than 100μg/ml. Dissolve the lyophilized protein in distilled water. Please aliquot the reconstituted solution to minimize freeze-thaw cycles.

SDS-PAGE image



Background

Product Name: Recombinant Mouse Limitin (C-6His)
Catalog #: PHM0970

Alternative Names	Limitin; IFN-z; BGIF; Ifnz; interferon zeta; Lmtn; IFN-zeta
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.

Note

For Research Use Only , Not for Diagnostic Use.