

Active Recombinant Mouse Il28b Protein (Asp20-Val193), C-His tagged, Animal-free, Carrier-free

Cat. No. Il28b-153M **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Recombinant Mouse Il28b Protein (Asp20-Val193) with C-His tag was expressed in E. coli and Animal-free as well as Carrier-free.
Species	Mouse
Source	E.coli
ProteinLength	Asp20-Val193
Description	Interleukin 28B (IL-28B) predicts a molecular mass of 19.7 kDa. IL-28 comes in two isoforms, IL-28A and IL-28B, and plays a role in immune defense against viruses, including the induction of an "antiviral state" by turning on Mx proteins, 2',5'-oligoadenylate synthetase as well as ISGF3G.
Form	Lyophilized
Bio-activity	Measure by its ability to protect HepG2 cells infected with encephalomyocarditis (EMC) virus. The ED50 for this effect is < 20 ng/mL.
Molecular Mass	The protein has a calculated MW of 20.56 kDa. The protein migrates as 17-25 kDa under reducing condition (SDS-PAGE analysis).
Endotoxin	< 0.1 EU/μg of the protein by the LAL method.

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Purity	>98% as determined by SDS-PAGE analysis.
Storage	This product is stable after storage at: -20 centigrade for 12 months in lyophilized state from date of receipt. -20 or -80 centigrade for 2 weeks under sterile conditions after reconstitution. Avoid repeated freeze/thaw cycles.
Storage Buffer	Lyophilized from a 0.2 µm filtered solution of PBS, pH 7.4.
Reconstitution	It is recommended to reconstitute the lyophilized protein in sterile H2O to a concentration not less than 200 µg/mL and incubate the stock solution for at least 20 min to ensure sufficient re-dissolved.
Shipping	The product is shipped with polar packs. Upon receipt, store it immediately at -20 centigrade or lower for long term storage.

GENE INFORMATION

Gene Name	IL28b interleukin 28B [<i>Mus musculus</i> (house mouse)]
Official Symbol	IL28b
Synonyms	IL28B; interleukin 28B; interleukin-28B; IFN-lambda-3; interleukin 28; interferon alpha; interferon lambda-3; IL28; IFL-1; IL-28B; INF-alpha; INF-lambda;
Gene ID	338374
mRNA Refseq	NM_177396
Protein Refseq	NP_796370

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UniProt ID

Q8CGK6

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