

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

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

## SPECIFICATION

<b>Product Overview</b>	Recombinant Mouse Il28b Protein (Asp20-Val193) with C-His tag was expressed in E. coli and Animal-free as well as Carrier-free.
<b>Species</b>	Mouse
<b>Source</b>	E.coli
<b>ProteinLength</b>	Asp20-Val193
<b>Description</b>	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.
<b>Form</b>	Lyophilized
<b>Bio-activity</b>	Measure by its ability to protect HepG2 cells infected with encephalomyocarditis (EMC) virus. The ED50 for this effect is < 20 ng/mL.
<b>Molecular Mass</b>	The protein has a calculated MW of 20.56 kDa. The protein migrates as 17-25 kDa under reducing condition (SDS-PAGE analysis).
<b>Endotoxin</b>	< 0.1 EU/μg of the protein by the LAL method.

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<b>Purity</b>	>98% as determined by SDS-PAGE analysis.
<b>Storage</b>	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.
<b>Storage Buffer</b>	Lyophilized from a 0.2 µm filtered solution of PBS, pH 7.4.
<b>Reconstitution</b>	It is recommended to reconstitute the lyophilized protein in sterile H <sub>2</sub> O to a concentration not less than 200 µg/mL and incubate the stock solution for at least 20 min to ensure sufficient re-dissolved.
<b>Shipping</b>	The product is shipped with polar packs. Upon receipt, store it immediately at -20 centigrade or lower for long term storage.

## GENE INFORMATION

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

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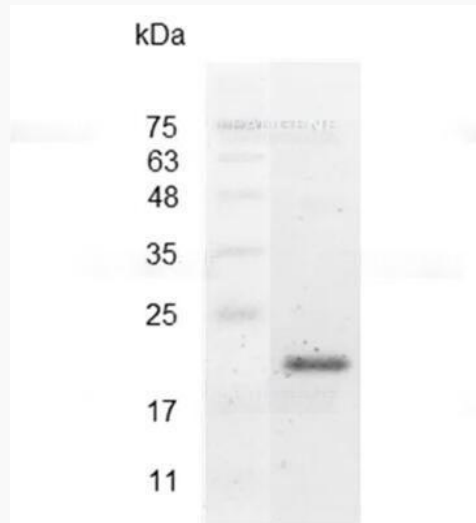
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UniProt ID

Q8CGK6

**SDS-PAGE analysis  
of recombinant  
mouse IL-28B.**



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