

Active Recombinant Mouse Il15 protein, His-tagged

Cat. No. Il15-739M **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Recombinant Mouse Il15 protein(Asn49-Ser162), fused with C-terminal His tag, was expressed in E.coli.
Species	Mouse
Source	E.coli
ProteinLength	49-162 aa
Form	Lyophilized from a 0.22 µm filtered solution of PBS, pH 7.4.
Bio-activity	1. Measured in a cell proliferation assay using HT-2 mouse T cells. The ED50 for this effect is 15-58 ng/mL, corresponding to a specific activity of 1.72×10^4 - 6.67×10^4 units/mg. 2. Measured in a cell proliferation assay using CTLL-2 mouse T cells. The ED50 for this effect is 8.1-32.4ng/mL, corresponding to a specific activity of 3.09×10^4 ~ 1.23×10^5 units/mg.
Molecular Mass	14.09 kDa
Endotoxin	< 1 EU/µg of the protein by LAL method.
Purity	≥ 95 % as determined by SDS-PAGE.
Storage	Store at -20°C.Store the lyophilized protein at -20°C to -80°C up to 1 year from the date of receipt.After reconstitution, the protein solution is stable at -20°C for 3 months,

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at 2-8°C for up to 1 week.

Reconstitution

Centrifuge the vial before opening. Reconstitute to a concentration of 0.1-0.5 mg/mL in sterile distilled water. Avoid vortex or vigorously pipetting the protein. For long term storage, it is recommended to add a carrier protein or stabilizer (e.g. 0.1% BSA, 5% HSA, 10% FBS or 5% Trehalose), and aliquot the reconstituted protein solution to minimize free-thaw cycles.

GENE INFORMATION

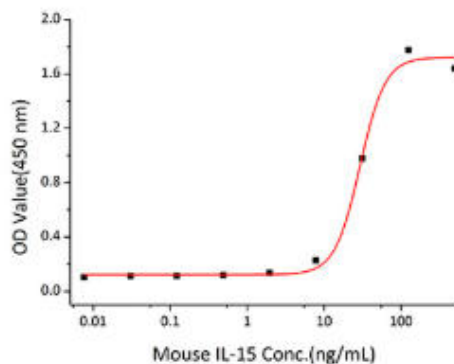
Gene Name	IL15 interleukin 15 [<i>Mus musculus</i>]
Official Symbol	IL15
Synonyms	IL15; interleukin 15; interleukin-15; IL-15; AI503618;
Gene ID	16168
mRNA Refseq	NM_001254747
Protein Refseq	NP_001241676

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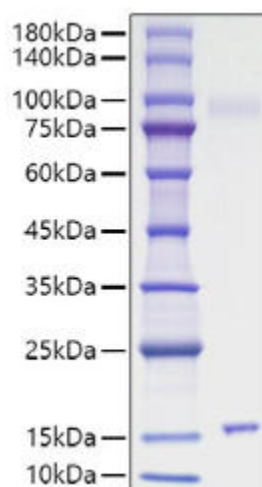
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Activity



SDS-PAGE



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