

Active Recombinant Mouse Il33 protein

Cat. No. Il33-207M Lot. No. (See product label)

SPECIFICATION

Product Overview	Recombinant Mouse Il33 protein(Ser109-Ile266) was expressed in E.coli.
Species	Mouse
Source	E.coli
ProteinLength	109-266 aa
Form	Lyophilized from a 0.2 µM filtered solution of 20mM PB,150mM NaCl,pH7.4
Bio-activity	Measured in a cell proliferation assay using D10.G4.1 mouse helper T cells. The ED50 for this effect is 0.0745-0.298 ng/mL, corresponding to a specific activity of $3.36 \times 10^6 \sim 1.34 \times 10^7$ units/mg.
Molecular Mass	17.6 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, 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

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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 IL33 interleukin 33 [*Mus musculus*]

Official Symbol IL33

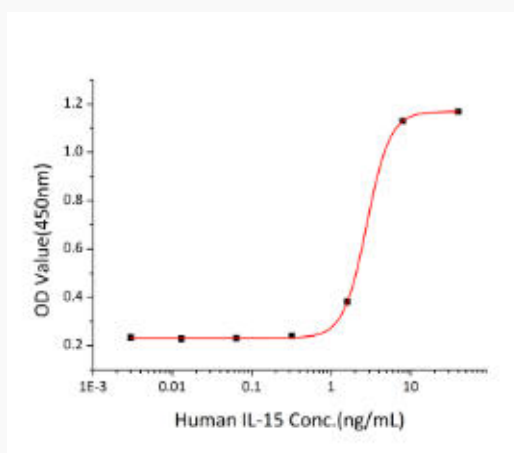
Synonyms IL33; interleukin 33; interleukin-33; nuclear factor from high endothelial venules; IL-33; IL1f11; NF-HEV; 9230117N10Rik;

Gene ID 77125

mRNA Refseq NM_001164724

Protein Refseq NP_001158196

Activity

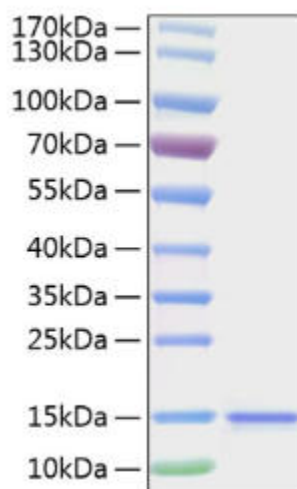


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SDS-PAGE



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