Active Recombinant Mouse Il17f protein, His-tagged

Cat. No. Il17f-152M **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Recombinant Mouse Il17f protein(Met1-Ala161), fused with C-terminal His tag, was expressed in HEK293.
Species	Mouse
Source	HEK293
ProteinLength	1-161 aa
Form	Lyophilized from a 0.22 μm filtered solution of PBS, pH 7.4.
Bio-activity	1. Immobilized recombinant Mouse IL-17F at 2μg/mL (100μL/well) can bind recombinant Mouse IL17RA with a linear range of 31. 25-163ng/mL. 2. Measured by its ability to induce IL-6 secretion by NIH-3T3 mouse embryonic fibroblast cells in the presense of 2 ng/mL TNFα. The ED50 for this effect is 10.18-140.72 ng/mL, corresponding to a specific activity of 2.46×10^4~9.82×10^4 units/mg.
Endotoxin	< 0.1 EU/μg of the protein by LAL method.
Purity	≥ 95 % as determined by SDS-PAGE; ≥ 95 % as determined by HPLC.
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.

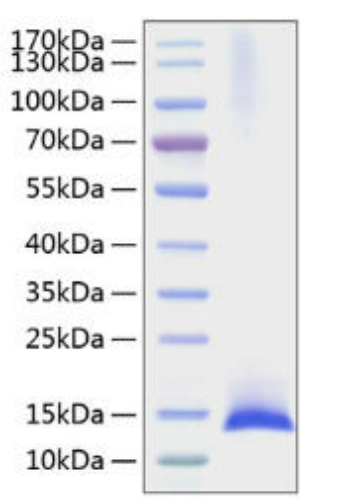
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Reconstitution	Centrifuge the vial before opening. Reconstitute to a concentration of 0.1-0.5 mg/mL in sterile distilled water. Avoid vortex or vigorously pipetting the protein. For long term storage, it is recommended to add a carrier protein or stablizer (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	Il17f interleukin 17F [Mus musculus]
Official Symbol	Il17f
Synonyms	IL17F; interleukin 17F; interleukin-17F; C87042; IL-17F;
Gene ID	257630
mRNA Refseq	NM_145856
Protein Refseq	NP_665855
Activity	

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