

Active Recombinant Mouse Il17f protein(Met1-Ala161), His-tagged

Cat. No. II17f-964M **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Recombinant Mouse Il17f (NP_665855.2) (Met1-Ala161) was expressed in HEK293 with a polyhistidine tag at the C-terminus.
Species	Mouse
Source	HEK293
ProteinLength	Met1-Ala161
Form	Lyophilized from sterile PBS, pH 7.4. Normally 5 % - 8 % trehalose, mannitol and 0.01% Tween80 are added as protectants before lyophilization.
Bio-activity	Measured by its ability to induce IL-6 secretion by NIH-3T3 mouse embryonic fibroblast cells in the presense of 20ng/mL TNFα. The ED50for this effect is 7-28ng/mL.
Molecular Mass	The recombinant mouse Il17f consists 144 amino acids and predicts a molecular mass of 16.3 kDa.
Endotoxin	< 1.0 EU per µg protein as determined by the LAL method.
Purity	> 95 % as determined by SDS-PAGE
Storage	Samples are stable for up to twelve months from date of receipt at -20°C to -80°C.

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Store it under sterile conditions at -20°C to -80°C. It is recommended that the protein be aliquoted for optimal storage. Avoid repeated freeze-thaw cycles.

Reconstitution

It is recommended that sterile water be added to the vial to prepare a stock solution of 0.2 ug/ul. Centrifuge the vial at 4°C before opening to recover the entire contents.

GENE INFORMATION

Gene Name	Il17f interleukin 17F [<i>Mus musculus</i>]
Official Symbol	Il17f
Synonyms	IL17F; interleukin 17F; interleukin-17F; C87042; IL-17F;
Gene ID	257630
mRNA Refseq	NM_145856
Protein Refseq	NP_665855

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