

Recombinant Mouse Il17f Protein

Cat. No. Il17f-142M **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Purified recombinant protein of Mouse interleukin 17F (Il17f) without tag was expressed in E.coli.
Species	Mouse
Source	E.coli
Description	Ligand for IL17RA and IL17RC. The heterodimer formed by IL17A and IL17F is a ligand for the heterodimeric complex formed by IL17RA and IL17RC. Involved in stimulating the production of other cytokines such as IL6, IL8 and CSF2, and in regulation of cartilage matrix turnover. Also involved in stimulating the proliferation of peripheral blood mononuclear cells and T-cells and in inhibition of angiogenesis. Plays a role in the induction of neutrophilia in the lungs and in the exacerbation of antigen-induced pulmonary allergic inflammation.
Molecular Mass	30 kDa
AA Sequence	MRKNPKAGVPALQKAGNCPPLEDNTVRVDIRIFNQNQGISVPREFQNRSSSPWDYN ITRDPHRFPSEIAEAQCRHSGCINAQGQEDSTMNSVAIQEILVLRREPQGCSNSFR LEKMLLKVGCTCVKPIVHQAA
Endotoxin	Endotoxin level is < 0.1 ng/g of protein (< 1 EU/g)
Purity	>95%, as determined by SDS-PAGE and Coomassie blue staining

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Stability	Stable for at least 6 months from date of receipt under proper storage and handling conditions.
Storage	Store at -80 centigrade.
Storage Buffer	Lyophilized from a 0.2 M filtered solution of 20mM phosphate buffer, 100mM NaCl, pH 7.2
Reconstitution	Resuspend the protein in the desired concentration in proper buffer.

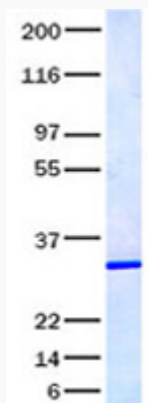
GENE INFORMATION

Gene Name	Il17f interleukin 17F [Mus musculus (house mouse)]
Official Symbol	Il17f
Synonyms	Il17f; interleukin 17F; C87042; IL-17F; interleukin-17F
Gene ID	257630
mRNA Refseq	NM_145856
Protein Refseq	NP_665855
UniProt ID	Q7TNI7

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