

Active Recombinant Rat IL17f Protein, His-tagged

Cat. No. IL17f-1118R **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Recombinant rat IL17f (NP_001015011.1) (Met1-Ala153) was expressed with a polyhistidine tag at the C-terminus.
Species	Rat
Source	Insect Cells
ProteinLength	1-153 a.a.
Predicted N Terminal	Ala 19
Form	Lyophilized from sterile 20 mM Tris, 500 mM NaCl, 10 % glycerol, pH 7.4, 5%~8% trehalose and mannitol.
Bio-activity	1. Measured by its binding ability in a functional ELISA. 2. Immobilized rat IL17F-His at 10 µg/mL (100 µL/well) can bind Rat IL17RA-Fc3. The EC50 of Rat IL17RA-Fc3 is 0.28-0.66 µg/mL.
Molecular Mass	The recombinant rat IL17f consists 145 amino acids and predicts a molecular mass of 16.4 kDa.
Endotoxin	< 1.0 EU per µg of the protein as determined by the LAL method.
Purity	>90 % as determined by SDS-PAGE.

 Tel: 1-631-559-9269 1-516-512-3133

 Email: info@creative-biomart.com  Fax: 1-631-938-8127

 45-1 Ramsey Road, Shirley, NY 11967, USA

Stability	Samples are stable for up to twelve months from date of receipt at -70°C.
Storage	Store it under sterile conditions at -20°C~-70°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 0.25 ug/ul. Centrifuge the vial at 4°C before opening to recover the entire contents.
GENE INFORMATION	
Gene Name	Il17f interleukin 17F [Rattus norvegicus]
Official Symbol	Il17f
Synonyms	IL17F; interleukin 17F; interleukin-17F; IL-17F; MGC114402;
Gene ID	301291
mRNA Refseq	NM_001015011
Protein Refseq	NP_001015011
MIM	
UniProt ID	
Function	cytokine activity; cytokine activity; cytokine binding; cytokine binding; protein homodimerization activity; protein homodimerization activity;