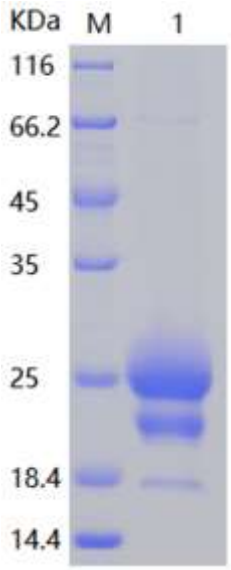
Recombinant Mouse Interleukin-17F/IL-17F (C-His)

Catalog No: BP083

Description	Recombinant Mouse Interleukin-17F is produced by Human 293 Cells. The target gene encoding R29-A161 is expressed with an 8His tag at the C terminus.
Expression System	Human
Alternative name	Interleukin-17F; IL-17F; Cytokine ML-1; Interleukin-24; IL-24; IL17F; IL24
Accession No.	Q7TNI7
Predicted Molecular Weight	19kDa
Apparent Molecular Weight	IL-17F appeared between 18.4-26kDa in a reducing SDS-PAGE gel
Quality Control	Purity: greater than 95% as determined by reducing SDS-PAGE. Endotoxin: less than 0.1 ng/μg (1 EU/μg) as determined by TAL test.
Formulation	PBS, pH 7.4
Reconstitution	It is not recommended to reconstitute to a concentration less than 100μg/ml. Dissolve the lyophilized protein in distilled water. Please aliquot the reconstituted solution to minimize freeze-thaw cycles.
Shipping	The product is shipped at ambient temperature. Upon receipt, store it immediately at the temperature listed below.
Storage	Lyophilized protein should be stored at < -20°C, though stable at room temperature for 3 weeks. Reconstituted protein solution can be stored at 4-7°C for 2-7 days. Aliquots of reconstituted samples are stable at < -20°C for 3 months. Always centrifuge tubes before opening. Do not mix by vortex or pipetting.
Background	Interleukin-17F (IL-17F) is a secreted disulfide-linked homodimer that belongs to the IL-17 family. IL-17F is expressed in activated CD4+ T-cells and activated monocytes. IL-17 is commonly associated with allergic responses. It mediates the induction of neutrophilia in the lungs and the exacerbation of antigen-induced pulmonary allergic inflammation. IL-17 stimulates the production of other cytokines such as IL-6, IL-8 and granulocyte colony-stimulating factor, and can regulate cartilage matrix turnover. It is also found to inhibit the angiogenesis of endothelial cells and induce endothelial cells to produce IL2, TGFB1/TGFB, and monocyte chemoattractant protein-1.

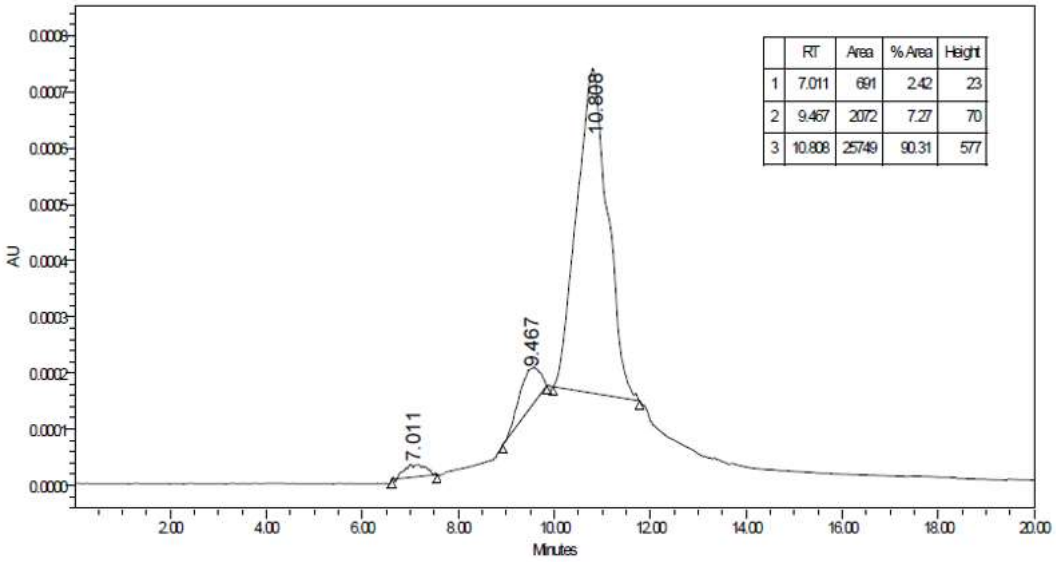
SDS-PAGE



M: Marker

1: Sample in reducing conditions

HPLC



IL-17F dimer with 90% purity