Active Recombinant Human IL17F protein, His-tagged

Cat. No. IL17F-307H **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Recombinant Human IL17F protein(Arg 31 - Gln 163), fused with His tag, was expressed in HEK293.
Species	Human
Source	HEK293
ProteinLength	Arg 31 - Gln 163
Form	Lyophilized from 0.22 μm filtered solution in PBS, pH7.4. Normally trehalose is added as protectant before lyophilization.
Bio-activity	Immobilized Human IL-17F (H161R), His Tag at 10 μg/mL (100 μL/well) can bind Biotinylated Human IL-17 RA, Fc,Avitag with a linear range of 0.02-0.313 μg/mL.Immobilized Human IL-17F (H161R), His Tag at 10 μg/mL (100 μL/well) can bind Human IL-17 RA, Fc Tag with a linear range of 0.078-1.25 μg/mL.Immobilized Human IL-17F (H161R), His Tag at 2 μg/mL (100 μL/well) can bind Recombinant Human IL-17RC Isoform 1 Fc Chimera with a linear range of 0.2-16 ng/mL.
Molecular Mass	This protein carries a polyhistidine tag at the N-terminus.The protein has a calculated MW of 16.8 kDa. The protein migrates as 23 kDa under reducing (R) condition (SDS-PAGE) due to glycosylation.
Endotoxin	Less than 1.0 EU per μg by the LAL method.

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Purity	>95% as determined by SDS-PAGE.
Storage	For long term, the product should be stored at lyophilized state at -20°C or lower.Please avoid repeated freeze-thaw cycles. This product is stable after at: -20°C to -70°C for 12 months in lyophilized state; -70°C for 3 months under sterile conditions after reconstitution.
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 [Homo sapiens]
Official Symbol	IL17F
Synonyms	IL17F; interleukin 17F; interleukin-17F; IL 17F; ML 1; ML1; IL-24; cytokine ML-1; mutant IL-17F; interleukin-24; ML-1; CANDF6; IL-17F;
Gene ID	112744
mRNA Refseq	NM_052872
Protein Refseq	NP_443104
MIM	606496
UniProt ID	Q96PD4

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