

Recombinant Human IL17A/IL17F protein

Cat. No. IL17AF-12H **Lot. No.** (See product label)

SPECIFICATION

Product Overview	A DNA sequence encoding the human IL17A (NP_002181.1) (Met 1 - Ala 155) was expressed,constructed the plasmid 1;the human IL17F (NP_443104.1) (Met 1 - Gln 163) was expressed, constructed the plasmid 2. The two plasmids were co-expressed and the heterodimer was purified.
Species	Human
Source	E.coli
ProteinLength	1-155;1-163 a.a.
Predicted N Terminal	Gly24 & Arg31
Form	Lyophilized from sterile PBS, pH 7.4.
Molecular Mass	The recombinant heterodimer of human IL17A & IL17F comprises 265 (132+133) amino acids and has a calculated molecular mass of 30 (15.1+14.9) kDa.
Purity	> 95 % as determined by SDS-PAGE.
Stability	Samples are stable for up to twelve months from date of receipt at -70 centigrade
Storage	Store it under sterile conditions at -20 centigradeto -80 centigrade. It is recommended that the protein be aliquoted for optimal storage. Avoid repeated freeze-thaw cycles.

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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
Chromosome Location	6p12
Pathway	IL23-mediated signaling events, organism-specific biosystem;
Function	cytokine activity; cytokine binding; protein homodimerization activity;

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