

Product datasheet for TP723712

IL17F (NM_052872) Human Recombinant Protein

Product data:

Product Type:	Recombinant Proteins
Description:	Purified recombinant protein of Human interleukin 17F (IL17F)
Species:	Human
Expression Host:	E. coli
Expression cDNA Clone or AA Sequence:	Human IL-17F, the region of Arg31-Gln163, from gene Accession# NM_052872
Tag:	Tag Free
Predicted MW:	14.9 kDa
Concentration:	lot specific
Purity:	>98%, as determined by Coomassie stained SDS-PAGE.
Buffer:	1 x PBS
Bioactivity:	The ED50 is 400 - 800 ng/ml, corresponding to a specific activity of 2.5 $\times 10^3$ units/mg, determined by the dose dependent stimulation of CXCL1 production in human fibroblast.
Endotoxin:	Less than 0.01 ng per μ g protein as determined by the LAL method
Storage:	Store at -80°C.
Stability:	Unopened vial can be stored between 2°C and 8°C for up to 2 weeks, at -20°C for up to 6 months, or at -70°C or below until the expiration date. Aliquots can be stored between 2°C and 8°C for up to one week and stored at -20°C or colder for up to 3 months. Avoid repeated freeze/thaw cycles.
RefSeq:	NP_443104
Locus ID:	112744
UniProt ID:	Q96PD4
RefSeq Size:	808
Cytogenetics:	6p12.2
RefSeq ORF:	489
Synonyms:	CANDF6; IL-17F; ML-1; ML1



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Summary:

The protein encoded by this gene is a cytokine that shares sequence similarity with IL17. This cytokine is expressed by activated T cells, and has been shown to stimulate the production of several other cytokines, including IL6, IL8, and CSF2/GM-CSF. This cytokine is also found to inhibit the angiogenesis of endothelial cells and induce endothelial cells to produce IL2, TGFB1/TGFB, and monocyte chemoattractant protein-1. [provided by RefSeq, Jul 2008]

Protein Families:

Druggable Genome, Secreted Protein

Product images: