

Product datasheet for **TP720022M**

IL17F (NM_052872) Human Recombinant Protein

Product data:

Product Type:	Recombinant Proteins
Description:	Recombinant protein of human interleukin 17F (IL17F)
Species:	Human
Expression Host:	E. coli
Expression cDNA Clone or AA Sequence:	Arg31-Gln163
Tag:	Tag Free
Predicted MW:	15 kDa
Concentration:	lot specific
Purity:	>95% as determined by SDS-PAGE and Coomassie blue staining
Buffer:	Provided lyophilized from a 0.2 µm filtered solution of 20 mM Tris-HCl, 150 mM NaCl
Bioactivity:	ED50 is approximately 10 ng/ml as determined by the dose-dependent induction of IL-6 in NIH-3T3 cells. Specific Activity of 1.0 x 10 ⁵ IU/mg
Endotoxin:	< 0.1 EU per µg protein as determined by LAL test
Reconstitution Method:	Always centrifuge tubes before opening. Do not mix by vortex or pipetting. Dissolve the lyophilized protein in ddH ₂ O. It is not recommended to reconstitute a concentration less than 100 µg/ml. Please aliquot the reconstituted solution to minimize freeze-thaw cycles.
Storage:	Store at -80°C.
Stability:	Stable for at least 6 months from date of receipt under proper storage and handling conditions.
RefSeq:	NP_443104
Locus ID:	112744
UniProt ID:	Q96PD4 , Q6NSI0
Cytogenetics:	6p12.2
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: