

Product datasheet for TP527682

II17a (NM_010552) Mouse Recombinant Protein

Product data:

Product Type:	Recombinant Proteins
Description:	Purified recombinant protein of Mouse interleukin 17A (II17a), with C-terminal MYC/DDK tag, expressed in HEK293T cells, 20ug
Species:	Mouse
Expression Host:	HEK293T
Expression cDNA Clone or AA Sequence:	>MR227682 protein sequence Red =Cloning site Green =Tags(s)
	MSPGRASSVSLMLLLLLSLAATVKAAAIIPQSSACPNTAKDFLQNVKVNLIKVFNSLGAKVSSRRPSDYL NRSTSPWTLHRNEDPDRYPSVIWEAQCRHQRCVNAEGKLDHMHMNSVLIQEQILVLKREPESCPFTFRVEK MLVGVGCTCVASIVRQAA
	TR TRPLEQKLISEEDLAANDILDYKDDDDKV
Tag:	C-MYC/DDK
Predicted MW:	17.5 kDa
Concentration:	>0.05 µg/µL as determined by microplate BCA method
Purity:	> 80% as determined by SDS-PAGE and Coomassie blue staining
Buffer:	25 mM Tris-HCl, 100 mM glycine, pH 7.3, 10% glycerol
Note:	For testing in cell culture applications, please filter before use. Note that you may experience some loss of protein during the filtration process.
Storage:	Store at -80°C after receiving vials.
Stability:	Stable for 12 months from the date of receipt of the product under proper storage and handling conditions. Avoid repeated freeze-thaw cycles.
RefSeq:	NP_034682
Locus ID:	16171
UniProt ID:	Q62386
RefSeq Size:	1171
Cytogenetics:	1 A4



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RefSeq ORF: 474

Synonyms: Ctl; Ctla; Ctla-8; Ctla8; Il; IL-; IL-17; IL-17A; Il17

Summary: This gene encodes a pro-inflammatory cytokine that is a member of the interleukin-17 family. The encoded protein plays a central role in host defense against diverse pathogens. The encoded protein is produced by activated T-cells and certain cell types of innate immune system. The active protein functions as either a homodimer with other interleukin-17 family members and signals through the interleukin-17 receptor to induce inflammatory cytokine production. Aberrant expression of this gene is associated with autoinflammatory diseases including rheumatoid arthritis, psoriasis and multiple sclerosis. [provided by RefSeq, Sep 2015]