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Product datasheet for TP723198

Il17a (NM_010552) Mouse Recombinant Protein

Product data:

Product Type:	Recombinant Proteins
Description:	Purified recombinant protein of Mouse interleukin 17A (Il17a).
Species:	Mouse
Expression Host:	E. coli
Expression cDNA Clone or AA Sequence:	AAIIPQSSAC PNTEAKDFLQ NVKVNLKVFN SLGAKVSSRR PSDYLNRSTS PWTLHRNEDP DRYPSVIWEA QCRHQRCVNA EGKLDHHMNS VLIQQEILVL KREPESCPFT FRVEKMLVGV GCTCVASIVR QAA
Tag:	Tag Free
Predicted MW:	30 kDa
Concentration:	lot specific
Purity:	>95% as determined by SDS-PAGE and Coomassie blue staining
Buffer:	Lyophilized from a 0.2 μM filtered solution of 20mM phosphate buffer,100mM NaCl, pH 7.2
Bioactivity:	Measured by its ability to induce IL-6 production by NIH 3T3 cells.
Endotoxin:	Endotoxin level is < 0.1 ng/μg of protein (< 1 EU/μg)
Storage:	Store at -80°C.
Stability:	Stable for at least 6 months from date of receipt under proper storage and handling conditions.
RefSeq:	NP_034682
Locus ID:	16171
UniProt ID:	Q62386, Q544E6
RefSeq Size:	1171
Cytogenetics:	1 A4
RefSeq ORF:	477
Synonyms:	Ctl; Ctla; Ctla-8; Ctla8; Il; IL-; IL-17; IL-17A; Il17

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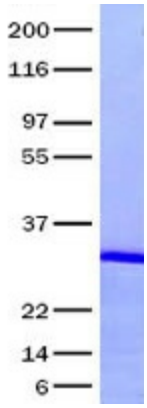
Summary: This gene encodes a pro-inflammatory cytokine that is a member of the interleukin-17 family. The encoded protein plays a central role in host defense against diverse pathogens. The encoded protein is produced by activated T-cells and certain cell types of innate immune system. The active protein 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]

Product images:



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