

Product datasheet for **TP721078**

IL18R Beta (IL18RAP) (NM_003853) Human Recombinant Protein

Product data:

Product Type:	Recombinant Proteins
Description:	Purified recombinant protein of Human interleukin 18 receptor accessory protein (IL18RAP)
Species:	Human
Expression Host:	HEK293
Expression cDNA Clone or AA Sequence:	FNISGCSTKK LLWYSTRSE EEFVLFCDL PEPQKSHFCHR NRLSPKQVPE HLPFMGSNDL SDVQWYQPS NGDPLEDIRK SYPHIQDKC TLHFLTPGVN NSGSYICRPK MIKSPYDVAC CVKMILEVKP QTNASCEYSA SHKQDLLLGS TGSISCPSLS CQSDAQSPAV TWYKNGKLLS VERSNRIVVD EYDYHQGTY VCDYTSQSDTV SSWTVRAVVQ VRTIVGDTKL KPDILDVPED TLEVELGKPL TISCKARFGF ERVFNPIKW YIKSDLEWE VSVPEAKSIK STLKDEIIEER NIILEKVTQR DLRRKFVCFV QNSIGNTTQS VQLKEKRVDD IEGRMDEPKS CDKTHTCPK PPELLGGPS VLFPPKPKD TLMISRTPEV TCVVDVSHE DPEVKFNWYV DGVEVHNAKT KPREEQYNST YRVSVLTVL HQDWLNGKEY KCKVSNKALP APIEKTISKA KGQPREPQVY TLPPSREEMT KNQVSLTCLV KGFYPSDIAV EWESNGQPEN NYKTPPVLD SDGSFFLYSK LTVDKSRWQQ GNVFSCSVMH EALHNHYTQK SLSLSPGKHH HHHH
Tag:	C-Fc/His
Predicted MW:	66.4 kDa
Concentration:	lot specific
Purity:	>95% as determined by SDS-PAGE and Coomassie blue staining
Buffer:	Lyophilized from a 0.2 um filtered solution of PBS, pH 7.4.
Endotoxin:	Endotoxin level is < 0.1 ng/μg of protein (< 1 EU/μg)
Storage:	Lyophilized protein should be stored at < -20°C, though stable at room temperature for 3 weeks. Reconstituted protein solution can be stored at 4-7°C for 2-7 days. Aliquots of reconstituted samples are stable at < -20°C for 3 months.
Stability:	Stable for at least 6 months from date of receipt under proper storage and handling conditions.
RefSeq:	NP_003844
Locus ID:	8807
UniProt ID:	O95256



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RefSeq Size:	2672
Cytogenetics:	2q12.1
RefSeq ORF:	1797
Synonyms:	ACPL; CD218b; CDw218b; IL-1R-7; IL-1R7; IL-1RAcPL; IL-18R-beta; IL-18RAcP; IL-18Rbeta; IL18RB
Summary:	The protein encoded by this gene is an accessory subunit of the heterodimeric receptor for interleukin 18 (IL18), a proinflammatory cytokine involved in inducing cell-mediated immunity. This protein enhances the IL18-binding activity of the IL18 receptor and plays a role in signaling by IL18. Mutations in this gene are associated with Crohn's disease and inflammatory bowel disease, and susceptibility to celiac disease and leprosy. Alternatively spliced transcript variants of this gene have been described, but their full-length nature is not known. [provided by RefSeq, Feb 2014]
Protein Families:	Druggable Genome, Transmembrane
Protein Pathways:	Cytokine-cytokine receptor interaction