

Recombinant Human IL18RAP Protein, His-tagged

Cat. No. IL18RAP-880H **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Recombinant Human IL18RAP fused with His tag at C-terminal was expressed in HEK293 cells.
Species	Human
Source	HEK293
Description	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.
Form	Lyophilized from a 0.2 M filtered solution of PBS, pH 7.4
Molecular Mass	39.4kD
AA Sequence	FNISGCSTKKLLWTYSTRSEEEFVLFCDLPEPQKSHFCHRNRLSPKQVPEHLPPFMG SNDLSDVQWYQQPSNGDPLEDIRKSYPHIIQDKCTLHFLTTPGVNNSGSYICRPKMIK SPYDVACCVKMILEVKPQTNASCEYSASHKQDLLLGSTGSISCPSLSCQSDAQSPAV TWYKNGKLLSVERSNRIVVDEVYDYHQGTIVCDYTQSDTVSSWTVRAVVQVRTIVG DTKLKPDILDPVEDTLEVELGKPLTISCKARFGFERVFNPKWYIKDSLEWEVSVP EAKSIKSTLKDIIERNIILEKVTQRDLRRKFVCFVQNSIGNTTQSVQLKEKRVDDHHH

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Endotoxin	Endotoxin level is <0.1 ng/g of protein (<1EU/g).
Purity	Greater than 95% as determined by RP-HPLC and reducing SDS-PAGE.
Concentration	Always centrifuge tubes before opening. Do not mix by vortex or pipetting. It is not recommended to reconstitute to a concentration less than 100 µg/ml. Dissolve the lyophilized protein in 1X PBS. Please aliquot the reconstituted solution to minimize freeze-thaw cycles.
GENE INFORMATION	
Gene Name	IL18RAP interleukin 18 receptor accessory protein [Homo sapiens]
Official Symbol	IL18RAP
Synonyms	IL18RAP; interleukin 18 receptor accessory protein; interleukin-18 receptor accessory protein; AcPL; CD218b; IL-1R7; IL-1R-7; IL-18RacP; IL-1RacPL; IL-18Rbeta; IL-18R-beta; IL-18 receptor beta; interleukin-1 receptor 7; interleukin-18 receptor beta; IL-18 receptor accessory protein; CD218 antigen-like family member B; ACPL; IL18RB; CDw218b; MGC120589; MGC120590;
Gene ID	8807
mRNA Refseq	NM_003853
Protein Refseq	NP_003844
MIM	604509

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UniProt ID

O95256

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