

Recombinant Human IL18RAP Protein, Fc/His-tagged

Cat. No. IL18RAP-881H **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Recombinant Human IL18RAP fused with Fc/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 20mM PB, 150mM NaCl, pH7.2
Molecular Mass	66.4kD
AA Sequence	FNISGCSTKKLLWTYSTRSEEEFVLFCDLPEPQKSHFCHRNRLSPKQVPEHLPPFMG SNDLSDVQWYQQPSNGDPLEDIRKSYPHIIQDKCTLHFLTTPGVNNSGSYICRPKMIK SPYDVACCVKMILEVKPQTNASCEYSASHKQDLLLGSTGSISCPSLSCQSDAQSPAV TWYKNGKLLSVERSNRIVVDEVYDYHQGTIVCDYTQSDTVSSWTVRAVVQVRTIVG DTKLKPDI LDPVEDTLEVELGKPLTISCKARFGFERVFNPKVIKWDSDLEWEVSVP EAKSIKSTLKD EIIERNIILEKV TQRDLRRKFVCFVQNSIGNTTQSVQLKEKRVDDIEGR

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MDEPKSCDKTHTCPPCPAPELLGGPSVFLFPPKPKDTLMISRTPEVTCVVDVSHED
 PEVKFNWYVDGVEVHNAKTKPREEQYNSTYRVVSVLTVLHQDWLNGKEYKCKVSN
 KALPAPIEKTISKAKGQPREPQVYTLPPSREEMTKNQVSLTCLVKGFYPSDIAVEWE
 SNGQPENNYKTTTPVLDSDGSFFLYSKLTVDKSRWQQGNVFCFSVMHEALHNHYT
 QKSLSLSPGKHHHHHH

Endotoxin Endotoxin level is <0.1 ng/g of protein (<1EU/g).

Purity >95% as determined by SDS-PAGE and Coomassie blue staining

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

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Protein Refseq	NP_003844
MIM	604509
UniProt ID	O95256

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