

Recombinant Human IL18RAP Protein, hlgG/His-tagged

Cat. No. IL18RAP-17H **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Recombinant human IL-18 R beta/IL-1 R7 protein (20-356aa, 576aa), fused to hlgG-His-tag at C-terminus, was expressed in insect cell and purified by using conventional chromatography techniques.
Species	Human
Source	Insect Cells
ProteinLength	20-356
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	Liquid
Molecular Mass	65.4 kDa
AA Sequence	FNISGCSTKKLLWTYSTRSEEEFVLFCDLPEPQKSHFCHRNRLSPKQVPEHLPFMG SNDLSDVQWYQQPSNGDPLEDIRKSYPHIIQDKCTLHFLTPGVNNSGSYICRPKMIK SPYDVACCVKMILEVKPQTNASCEYSASHKQDLLLGSTGSISCPSLSCQSDAQSPAV

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TWYKNGKLLSVERSNRIVVDEVYDYHQGTYYCDYTQSDTVSSWTVRAVVQVRTIVG
DTKLKPDILDPVEDTLEVELGKPLTISCKARFGFERVFNVPVIKWKYIKDSLEWEVSVP
EAKSIKSTLKDEIERNIILEKVTQRDLRRKFVCFVQNSIGNTTQSVQLKEKR

Endotoxin < 1 EU/μg of protein (determined by LAL method)

Purity > 90% by SDS-PAGE

Applications SDS-PAGE

Storage Can be stored at 2 to 8 centigrade for 1 week. For long term storage, aliquot and store at -20 to -80 centigrade. Avoid repeated freezing and thawing cycles.

Concentration 0.25 mg/mL (determined by absorbance at 280nm)

Storage Buffer Phosphate-Buffered Saline (pH 7.4) containing 10% glycerol

GENE INFORMATION

Gene Name IL18RAP interleukin 18 receptor accessory protein [Homo sapiens (human)]

Official Symbol IL18RAP

Synonyms IL18RAP; interleukin 18 receptor accessory protein; ACPL; CD218b; IL-1R7; IL18RB; CDw218b; IL-1R-7; IL-18RacP; IL-1RacPL; IL-18Rbeta; IL-18R-beta; interleukin-18 receptor accessory protein; CD218 antigen-like family member B; IL-18 receptor accessory protein; IL-18 receptor beta; cluster of differentiation w218b; interleukin-1 receptor 7; interleukin-18 receptor beta; EC 3.2.2.6

Gene ID 8807

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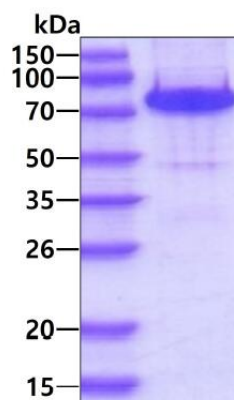
mRNA Refseq [NM_003853](#)

Protein Refseq [NP_003844](#)

MIM [604509](#)

UniProt ID [O95256](#)

SDS-PAGE



3 µg by SDS-PAGE under reducing condition and visualized by coomassie blue stain.

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