

## Recombinant Human IL18RAP Protein, hlgG/His-tagged

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

### SPECIFICATION

<b>Product Overview</b>	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.
<b>Species</b>	Human
<b>Source</b>	Insect Cells
<b>ProteinLength</b>	20-356
<b>Description</b>	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.
<b>Form</b>	Liquid
<b>Molecular Mass</b>	65.4 kDa
<b>AA Sequence</b>	FNISGCSTKLLWTYSTRSEEEFVLFCDLPEPQKSHFCHRNLSPKQVPEHLPFMG SNDLSDVQWYQQPSNGDPLEDIRKSYPHIIQDKCTLHFLTPGVNNSGSYICRPKMIK SPYDVACCVKMILEVKPQTNASCEYSASHKQDLLLGSTGSISCPSLSCQSDAQSPAV

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TWYKNGKLLSVERSNRIVVDEVYDYHQGTIVCDYTSQSDTVSSWTVRAVVQVRTIVG  
 DTKLKPILDVPEDTLEVELGKPLTISCKARFGFERVFNPKVIKWKYIKDSLEWEVSVV  
 EAKSIKSTLKDEIERNIILEKVTRDLRRKFVCFVQNSIGNTTQSVQLKEKR

**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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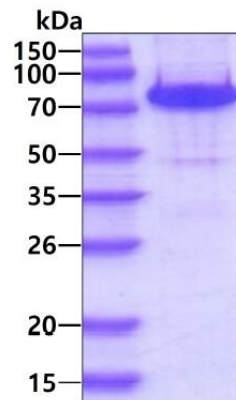
mRNA Refseq [NM\\_003853](#)

Protein Refseq [NP\\_003844](#)

MIM [604509](#)

UniProt ID [O95256](#)

#### SDS-PAGE



3  $\mu$ g by SDS-PAGE under reducing condition and visualized by coomassie blue stain.

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