Recombinant Human IL18RAP Protein, hIgG/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 hIgG-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

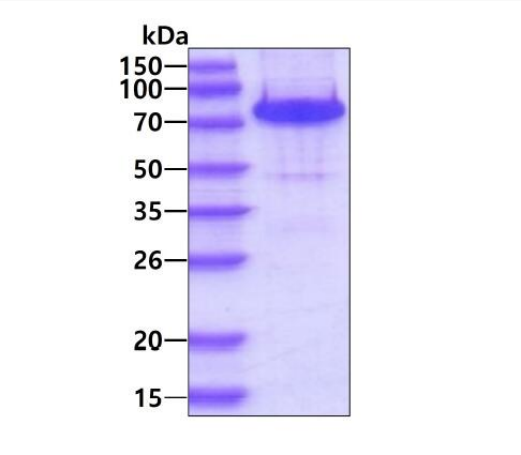
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	TWYKNGKLLSVERSNRIVVDEVYDYHQGTYVCDYTQSDTVSSWTVRAVVQVRTIVG DTKLKPDILDPVEDTLEVELGKPLTISCKARFGFERVFNPVIKWYIKDSDLEWEVSVP EAKSIKSTLKDEIIERNIILEKVTQRDLRRKFVCFVQNSIGNTTQSVQLKEKR
Endotoxin	< 1 EU/μg of protein (determined by LAL method)
Purity	> 90% by SDS-PAGE
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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