Recombinant Cynomolgus IL18RAP Protein, His-tagged

Cat. No. IL18RAP-58C **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Recombinant Cynomolgus IL18RAP Protein, fused to His-tag, was expressed in HEK293.
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	PBS, pH7.0.
Molecular Mass	41 kDa
AA Sequence	FNISGCSTKKLLWAYSTRSEEEFILFCDLPEPQKSHFCHRSQLSPTQVPDHLPFTDS KDLPDVQWYRQPSNGDPLEDIRKSYPHIIQDKCTLRFLTPGVNNTGSYICRPKMIKSP YDVACCVKMILEVKPQSNASCENSASHKQDLLLGSTGSISCPSLSCQSDAQSPEVT WYKNGKLLSMTRSNRIVVDEVYIYHQGTYVCDYTQSDTASSWTVRAVVQVRTIVGD TKLKPDILDPVESTLEVELGKPLTISCKARFGFERVFNPVMKWYIKDADLEWEVSVPE AKSIKSTLKDEIIERNIILEKVTQRDLRRTFVCFVQNSIGNTTQSVQLKEKRGVVHHHH

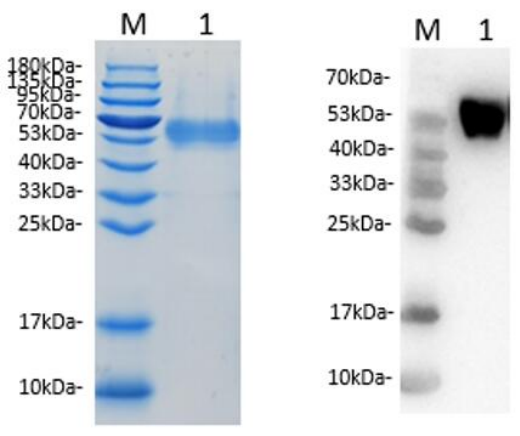
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Endotoxin	1EU/ug
Purity	>90%
Storage	Store it under sterile conditions at -20 to -80 centigrade. It is recommended that the protein be aliquoted for optimal storage. Avoid repeated freeze-thaw cycles.
Concentration	0.2 mg/ml

GENE INFORMATION

Gene Name	IL18RAP interleukin 18 receptor accessory protein [Macaca mulatta (Rhesus monkey)]
Official Symbol	IL18RAP
Synonyms	ACPL; CD218b; IL-1R7; IL18RB; CDw218b; IL-1R-7; IL-18RAcP; IL-1RAcPL; IL-18Rbeta; IL-18R-beta
Gene ID	712046
mRNA Refseq	XM_015113031
Protein Refseq	XP_014968517
UniProt ID	H2QIG7

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SDS-PAGE	 Reducing 12% SDS-PAGE and WB analysis profile of purified IL18RAP-01C (CBB stained).

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