

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 | <p>FNISGCSTKLLWAYSTRSEEEFILFCDLPEPQKSHFCHRSQLSPTQVPDHLPTDS KDLPDVQWYRQPSNGDPLEDIRKSYPHIIQDKCTLRFLTPGVNNTGSYICRPKMIKSP YDVACCVKMILEVKPQSNASCENSASHKQDLLLGSTGSISCP SLSCQSDAQ SPEVT WYKNGKLLSMTRSNRIVVDEVYIYHQGT YVCDYTQSDTASSWTVRAVVQVRTIVGD TKLKP DILDPVESTLEVELGKPLTISCKARFGFERVFNPMKWIYKDADLEWEVSVPE AKSIKSTLKDEI IERNIILEKVTQRDLRRTFVCFVQNSIGNTTQSVQLKEKRGVVHHHH</p> |

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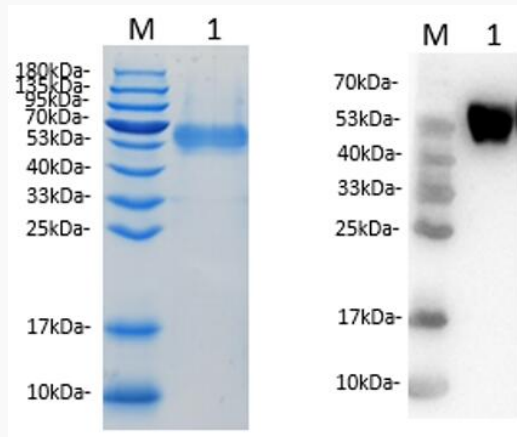
| | |
|-------------------------|---|
| | HH |
| Endotoxin | 1EU/ug |
| Purity | >90% |
| Storage | Store it under sterile conditions at -20 to -80 centigrade. It is recommended that the protein be aliquoted for optimal storage. Avoid repeated freeze-thaw cycles. |
| Concentration | 0.2 mg/ml |
| GENE INFORMATION | |
| Gene Name | IL18RAP interleukin 18 receptor accessory protein [<i>Macaca mulatta</i> (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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