

Recombinant Cynomolgus IL18RAP Protein, hFc-tagged

Cat. No. IL18RAP-59C **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Recombinant Cynomolgus IL18RAP Protein, fused to hFc-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	50 mM Tris, 300 mM NaCl, pH8.5.
Molecular Mass	66 kDa
AA Sequence	FNISGCSTKLLWAYSTRSEEEFILFCDLPEPQKSHFCHRSQLSPTQVPDHLPTDS KDLDPDVQWYRQPSNGDPLEDIRKSYPHIIQDKCTLRFLTPGVNNTGSYICRPKMIKSP YDVACCVKMILEVKPQSNASCENSASHKQDLLLGSTGSISCP SLSCQSDAQ SPEVT WYKNGKLLSMTRSNRIVVDEVYIYHQGTYVCDYTQSDTASSWTVRAVVQVRTIVGD TKLKP DILDPVESTLEVELGKPLTISCKARFGFERVFNPMKWIYK DADLEWEVSVPE AKSIKSTLKDEI IERNIILEKVTQRDLRRTFVCFVQNSIGNTTQSVQLKEKRGVVEPKS

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SDKTHTCPPCPAPELLGGPSVFLFPPKPKDTLMISRTPEVTCVVVDVSHEDPEVKFN
 WYVDGVEVHNAKTKPREEQYNSTYRVVSVLTVLHQDWLNGKEYKCKVSNKALPAPI
 EKTISKAKGQPREPQVYTLPPSRDELTKNQVSLTCLVKGFYPSDIAVEWESNGQPEN
 NYKTTTPVLDSGDGSFFLYSKLTVDKSRWQQGNVFSCSVMHEALHNHYTQKSLSLSP
 GK

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 0.94 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](#)

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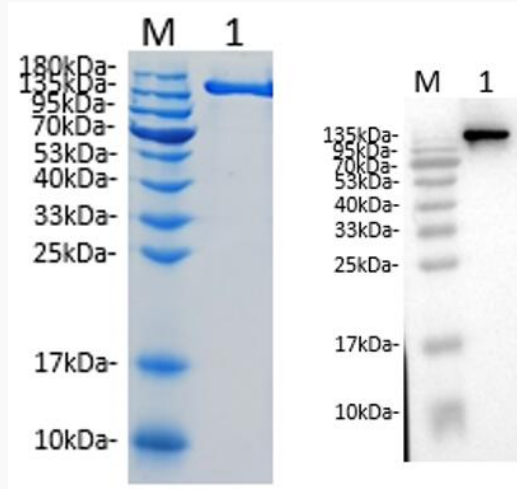
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UniProt ID

H2QIG7

SDS-PAGE



Reducing 12% SDS-PAGE and WB analysis profile of purified IL18RAP-02C (CBB stained).

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