

Recombinant Mouse Il18rap protein, His-tagged

Cat. No. Il18rap-1757M Lot. No. (See product label)

SPECIFICATION

Product Overview	Recombinant Mouse Il18rap aa. (Gln117~Arg240 (Accession # Q9Z2B1)) fused with N-terminal His tag was produced in E. coli cells.
Species	Mouse
Source	E.coli
ProteinLength	Gln117~Arg240
Description	Interleukin-18 (or interferon-gamma inducing factor) is a proinflammatory cytokine that induces cell-mediated immunity following microbial infection. This gene encodes a member of the interleukin-1 receptor family. The encoded protein is an accessory subunit of the receptor for interleukin-18 and mediates signaling through this cytokine. Mice lacking this gene exhibit a defective cell-mediated immune response.
Form	Freeze-dried powder
Molecular Mass	18kDa as determined by SDS-PAGE reducing conditions.
Endotoxin	<1.0EU per 1g (determined by the LAL method)
Purity	>95%
Characteristic	The isoelectric point is 6.2.

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Applications	SDS-PAGE; WB; ELISA; IP.
Stability	The thermal stability is described by the loss rate. The loss rate was determined by accelerated thermal degradation test, that is, incubate the protein at 37°C for 48h, and no obvious degradation and precipitation were observed. The loss rate is less than 5% within the expiration date under appropriate storage condition.
Storage	Avoid repeated freeze/thaw cycles. Store at 2-8°C for one month. Aliquot and store at -80°C for 12 months.
Storage buffer	Supplied as lyophilized form in PBS, pH 7.4, containing 5% sucrose, 0.01% sarcosyl.
Reconstitution	Reconstitute in sterile PBS, pH7.2-pH7.4.

GENE INFORMATION

Gene Name	Il18rap interleukin 18 receptor accessory protein [Mus musculus (house mouse)]
Official Symbol	Il18rap
Synonyms	Il18rap; interleukin 18 receptor accessory protein; AcPL; IL-18RAcP; IL-1RAcPL; IL-18Rbeta; IL-18R-beta; interleukin-18 receptor accessory protein; AcPL accessory protein-like); CD218 antigen-like family member B; IL-18 receptor accessory protein; accessory protein-like; interleukin-18 receptor beta
Gene ID	16174
mRNA Refseq	NM_010553.4
Protein Refseq	NP_034683.1

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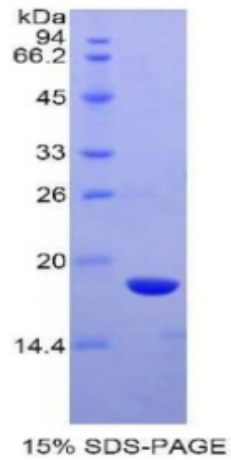
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UniProt ID

Q9Z2B1

SDS-PAGE

Mouse IL18RAP



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