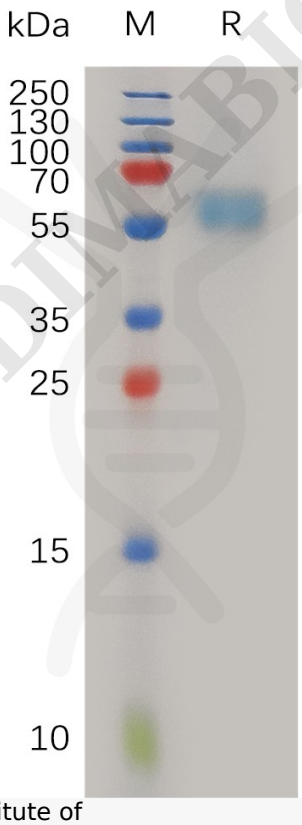
PRODUCT INFORMATION

Target	IL18RAP
Synonyms	IL-18RAcP;AcPL;CDw218b;CD218b;IL-1RAcPL;IL-1R7;IL-1R-7;IL-18Rbeta;IL-18R-beta
Description	Recombinant human IL18RAP protein with C-terminal 6×His tag
Delivery	In Stock
Uniprot ID	O95256
Expression Host	HEK293
Tag	C-6×His Tag
Molecular Characterization	IL18RAP(Phe20-Arg356) 6×His tag
Molecular Weight	The protein has a predicted molecular mass of 39.3 kDa after removal of the signal peptide. The apparent molecular mass of IL18RAP-His is approximately 55-70 kDa due to glycosylation.
Purity	The purity of the protein is greater than 85% as determined by SDS-PAGE and Coomassie blue staining.
Formulation & Reconstitution	Lyophilized from sterile PBS, pH 7.4. Normally 5 % – 8% trehalose is added as protectants before lyophilization. Please see Certificate of Analysis for specific instructions of reconstitution.
Storage&Shipping	Store at -20°C to -80°C for 12 months in lyophilized form. After reconstitution, if not intended for use within a month, aliquot and store at -80°C (Avoid repeated freezing and thawing). Lyophilized proteins are shipped at ambient temperature.
Background	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. [provided by RefSeq, Feb 2014]
Usage	Research use only
Conjugate	Unconjugated



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Figure 1. Human IL18RAP Protein, His Tag on SDS-PAGE under reducing condition.

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