PRODUCT INFORMATION

Target	IL18RA
Synonyms	CD218a;CDw218a;IL-1Rrp;IL-18R-alpha;IL-18Ralpha;IL1RRP;IL18RA;IL18Ralpha2
Description	Recombinant Human IL18RA Protein with C-terminal human Fc tag
Delivery	In Stock
Uniprot ID	Q13478
Expression Host	HEK293
Tag	C-Human Fc Tag
Molecular Characterization	IL18RA(Ala19-Arg329) hFc(Glu99-Ala330)
Molecular Weight	The protein has a predicted molecular mass of 61.9 kDa after removal of the signal peptide.The apparent molecular mass of IL18RA-hFc is approximately 55-70 kDa due to glycosylation.
Purity	The purity of the protein is greater than 95% 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 a cytokine receptor that belongs to the interleukin 1 receptor family. This receptor specifically binds interleukin 18 (IL18), and is essential for IL18 mediated signal transduction. IFN-alpha and IL12 are reported to induce the expression of this receptor in NK and T cells. This gene along with four other members of the interleukin 1 receptor family, including IL1R2, IL1R1, ILRL2 (IL-1Rrp2), and IL1RL1 (T1/ST2), form a gene cluster on chromosome 2q. Alternatively spliced transcript variants encoding different isoforms have been found for this gene. [provided by RefSeq, Sep 2013]
Usage	Research use only
Conjugate	Unconjugated

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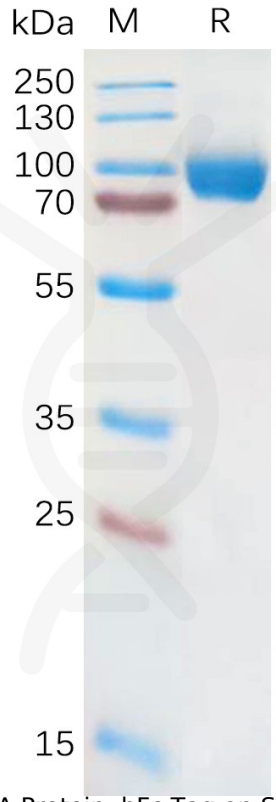


Figure 1. Human IL18RA Protein, hFc Tag on SDS-PAGE under reducing condition.

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