

PRODUCT INFORMATION

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| Target | IL18RA |
| Synonyms | CD218a; IL18R1; IL1RRP; CDw218a; IL-1Rrp; IL-18Ralpha; IL18Ralpha2; IL-18R-alpha |
| Description | Recombinant human IL18RA Protein with C-terminal 10×His tag |
| Delivery | In Stock |
| Uniprot ID | Q13478 |
| Expression Host | HEK293 |
| Tag | C-10×His tag |
| Molecular Characterization | IL18RA(Ala19-Arg329) 10×His tag |
| Molecular Weight | The protein has a predicted molecular mass of 37.1 kDa after removal of the signal peptide. |
| 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 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 |





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

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