

## Interleukin 18 Receptor 1 (IL18R1) Recombinant Protein | IL18R1 recombinant protein

Recombinant Interleukin 18 Receptor 1 (IL18R1)

|                               |                       |                                               |
|-------------------------------|-----------------------|-----------------------------------------------|
| CATALOG #<br><b>AAA152097</b> | HOST<br><b>E Coli</b> | APPLICATIONS<br><b>Western Blot, SDS-Page</b> |
|-------------------------------|-----------------------|-----------------------------------------------|

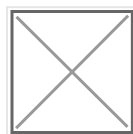
### PRODUCT SYNONYMS

Interleukin 18 Receptor 1 (IL18R1); Recombinant Interleukin 18 Receptor 1 (IL18R1); IL18R1/Interleukin 18 Receptor 1; CDw218a; CD218a; IL18-R1; IL-1Rrp; IL1RRP; CD218 antigen-like family member A; IL1 receptor-related protein; IL18R1 recombinant protein

### PRODUCT SPECIFICATIONS

|                                                        |                                                                                                                         |
|--------------------------------------------------------|-------------------------------------------------------------------------------------------------------------------------|
| Host                                                   | E Coli                                                                                                                  |
| Purity/Purification                                    | Greater than 90% by SDS-PAGE                                                                                            |
| Form/Format                                            | 20mM Tris, 150mM NaCl, pH8.0, containing 1mM EDTA, 1mM DTT, 0.01% SKL, 5% Trehalose and Proclin300. Freeze-dried powder |
| Sequence                                               | Tyr375-Glu 428                                                                                                          |
| Applicable Applications for IL18R1 recombinant protein | WB (Western Blot), SDS-PAGE, Immunogen, Positive Control                                                                |
| Expression System                                      | Prokaryotic expression                                                                                                  |
| Species                                                | Human                                                                                                                   |
| Isoelectric Point                                      | 4.5                                                                                                                     |
| Tag                                                    | N-terminal His and GST Tag                                                                                              |
| Endotoxin Level                                        | <1.0EU per 1ug (determined by the LAL method)                                                                           |
| Reconstitution                                         | Reconstitute in 20mM Tris, 150mM NaCl (pH8.0) to a concentration of 0.1-1.0mg/mL. Do not vortex.                        |
| Subcellular Location                                   | Membrane                                                                                                                |
| Preparation and Storage                                | Store at 2-8 degree C for one month, -80 degree C for 12 months<br>Stable for 12 months if correctly stored.            |

### IMAGES



SDS-PAGE  
SDS-PAGE



Sequence

### ADDITIONAL INFORMATION

|                                                          |                                                                              |
|----------------------------------------------------------|------------------------------------------------------------------------------|
| Product Categories/Family for IL18R1 recombinant protein | Signal transduction; Infection immunity; Prokaryotic Recombinant proteins/RP |
|----------------------------------------------------------|------------------------------------------------------------------------------|

NCBI AND UNIPROT INFORMATION

|                                  |                                                                                                                                            |
|----------------------------------|--------------------------------------------------------------------------------------------------------------------------------------------|
| NCBI GI #                        | 4504655                                                                                                                                    |
| NCBI GeneID                      | 8809                                                                                                                                       |
| NCBI Accession #                 | NP_003846.1                                                                                                                                |
| NCBI GenBank Nucleotide #        | NM_003855.2                                                                                                                                |
| UniProt Accession #              | Q13478; Q52LC9; B2R9Y5                                                                                                                     |
| Molecular Weight                 | 62,304 Da                                                                                                                                  |
| NCBI Official Full Name          | interleukin-18 receptor 1                                                                                                                  |
| NCBI Official Synonym Full Names | interleukin 18 receptor 1                                                                                                                  |
| NCBI Official Symbol             | IL18R1                                                                                                                                     |
| NCBI Official Synonym Symbols    | CD218a; IL18RA; IL1RRP; CDw218a; IL-1Rrp                                                                                                   |
| NCBI Protein Information         | interleukin-18 receptor 1; IL-18R1; IL1R-rp; IL-18R-1; cytokine receptor; IL1 receptor-related protein; CD218 antigen-like family member A |
| UniProt Protein Name             | Interleukin-18 receptor 1                                                                                                                  |
| UniProt Gene Name                | IL18R1                                                                                                                                     |
| UniProt Synonym Gene Names       | IL1RRP; IL-18R-1; IL-18R1; IL-1Rrp; IL1R-rp                                                                                                |
| UniProt Entry Name               | IL18R_HUMAN                                                                                                                                |

**For Research Use Only.** Not for use in diagnostic or therapeutic procedures. Small volumes of product may become entrapped in the seal of the vial during shipment and storage; if necessary, briefly centrifuge the vial on a tabletop centrifuge to dislodge any liquid in the cap.

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Online datasheet: <https://stage.aaabiotech.com/il18r1-recombinant-protein-e-coli-wb-western-blot-sds-page-immunogen-positive-control/152097>