

# Recombinant Human IL18 protein, GST-tagged

**Cat. No.** IL18-3681H    **Lot. No.** (See product label)

## SPECIFICATION

|                         |                                                                                                                                                                                                       |
|-------------------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| <b>Product Overview</b> | Recombinant Human IL18 protein(Q14116) (Met 1-Asp193) was expressed in E.coli, fused with the GST tag at the N-terminus.                                                                              |
| <b>Species</b>          | Human                                                                                                                                                                                                 |
| <b>Source</b>           | E.coli                                                                                                                                                                                                |
| <b>ProteinLength</b>    | 1-193 aa                                                                                                                                                                                              |
| <b>Form</b>             | Lyophilized from sterile PBS, pH 7.5.                                                                                                                                                                 |
| <b>Molecular Mass</b>   | The recombinant human IL18/GST chimera consists of 419 amino acids and has a predicted molecular mass of 48.6 kDa. It migrates as an approxiamtely 45 kDa band in SDS-PAGE under reducing conditions. |
| <b>Purity</b>           | > 85 % as determined by SDS-PAGE                                                                                                                                                                      |
| <b>Storage</b>          | Store it under sterile conditions at -20°C to -80°C upon receiving. Recommend to aliquot the protein into smaller quantities for optimal storage. Avoid repeated freeze-thaw cycles.                  |
| <b>Reconstitution</b>   | It is recommended that sterile water be added to the vial to prepare a stock solution of 0.2 ug/ul. Centrifuge the vial at 4°C before opening to recover the entire contents.                         |

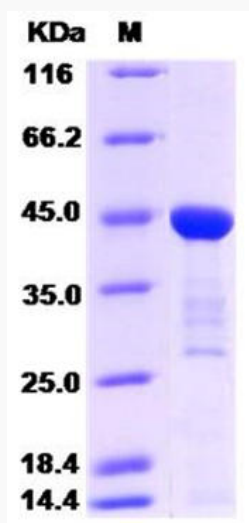
## GENE INFORMATION

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|                        |                                                                                                                                                                                                      |
|------------------------|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| <b>Gene Name</b>       | IL18 interleukin 18 (interferon-gamma-inducing factor) [ Homo sapiens ]                                                                                                                              |
| <b>Official Symbol</b> | IL18                                                                                                                                                                                                 |
| <b>Synonyms</b>        | IL18; interleukin 18 (interferon-gamma-inducing factor); interleukin-18; IGIF; IL 1g; IL 18; IL1F4; IL-1 gamma; iboctadekin; interleukin-1 gamma; IFN-gamma-inducing factor; IL-18; IL-1g; MGC12320; |
| <b>Gene ID</b>         | 3606                                                                                                                                                                                                 |
| <b>mRNA Refseq</b>     | NM_001243211                                                                                                                                                                                         |
| <b>Protein Refseq</b>  | NP_001230140                                                                                                                                                                                         |
| <b>MIM</b>             | 600953                                                                                                                                                                                               |
| <b>UniProt ID</b>      | Q14116                                                                                                                                                                                               |

**SDS-PAGE**


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