

## Recombinant Mouse Il18 protein, His-tagged

**Cat. No.** Il18-5440M    **Lot. No.** (See product label)

### SPECIFICATION

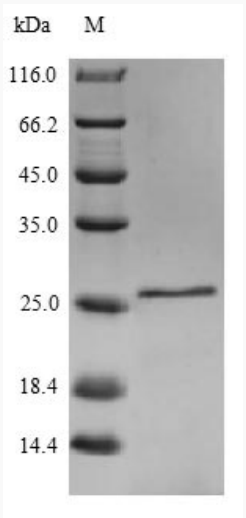
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|-------------------------|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| <b>Product Overview</b> | Recombinant Mouse Il18 protein(P70380)(1-192aa), fused to N-terminal His tag, was expressed in Yeast.                                                                                                                                                         |
| <b>Species</b>          | Mouse                                                                                                                                                                                                                                                         |
| <b>Source</b>           | Yeast                                                                                                                                                                                                                                                         |
| <b>ProteinLength</b>    | 1-192aa                                                                                                                                                                                                                                                       |
| <b>Form</b>             | If the delivery form is liquid, the default storage buffer is Tris/PBS-based buffer, 5%-50% glycerol. If the delivery form is lyophilized powder, the buffer before lyophilization is Tris/PBS-based buffer, 6% Trehalose, pH 8.0.                            |
| <b>Molecular Mass</b>   | 24.6 kDa                                                                                                                                                                                                                                                      |
| <b>Purity</b>           | Greater than 90% as determined by SDS-PAGE.                                                                                                                                                                                                                   |
| <b>Storage</b>          | Store at -20°C/-80°C upon receipt, aliquoting is necessary for mutiple use. Avoid repeated freeze-thaw cycles.                                                                                                                                                |
| <b>Reconstitution</b>   | Please reconstitute protein in deionized sterile water to a concentration of 0.1-1.0 mg/mL. We recommend to add 5-50% of glycerol (final concentration) and aliquot for long-term storage at -20°C/-80°C. Our default final concentration of glycerol is 50%. |

### GENE INFORMATION

 Tel: 1-631-559-9269    1-516-512-3133

 Email: [info@creative-biomart.com](mailto:info@creative-biomart.com)     Fax: 1-631-938-8127

 45-1 Ramsey Road, Shirley, NY 11967, USA

|                        |                                                                                                                                                                                                                                                                                                                            |
|------------------------|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| <b>Gene Name</b>       | Il18 interleukin 18 [ <i>Mus musculus</i> ]                                                                                                                                                                                                                                                                                |
| <b>Official Symbol</b> | Il18                                                                                                                                                                                                                                                                                                                       |
| <b>Synonyms</b>        | IL18; interleukin 18; interleukin-18; IL-1 gamma; interleukin-1 gamma; IFN-gamma-inducing factor; interferon gamma-inducing factor; interferon-gamma-inducing factor; Igif; Il-18;                                                                                                                                         |
| <b>Gene ID</b>         | 16173                                                                                                                                                                                                                                                                                                                      |
| <b>mRNA Refseq</b>     | NM_008360                                                                                                                                                                                                                                                                                                                  |
| <b>Protein Refseq</b>  | NP_032386                                                                                                                                                                                                                                                                                                                  |
| <b>SDS-PAGE</b>        |  <p>The SDS-PAGE gel image displays molecular weight markers on the left with values: 116.0, 66.2, 45.0, 35.0, 25.0, 18.4, and 14.4 kDa. A single protein band is visible in the sample lane, corresponding to the 25.0 kDa marker.</p> |