

## Recombinant Mouse Isg15 protein, His-tagged

**Cat. No.** Isg15-1868M    **Lot. No.** (See product label)

### SPECIFICATION

|                         |                                                                                                        |
|-------------------------|--------------------------------------------------------------------------------------------------------|
| <b>Product Overview</b> | Recombinant Mouse Isg15 aa. (Ala2~Ala161) fused with N-terminal His tag was produced in E. coli cells. |
| <b>Species</b>          | Mouse                                                                                                  |
| <b>Source</b>           | E.coli                                                                                                 |
| <b>ProteinLength</b>    | Ala2~Ala161                                                                                            |
| <b>Source</b>           | E. coli                                                                                                |
| <b>Species</b>          | Mouse                                                                                                  |
| <b>Tag</b>              | His                                                                                                    |
| <b>Form</b>             | Freeze-dried powder                                                                                    |
| <b>Molecular Mass</b>   | 22kDa as determined by SDS-PAGE reducing conditions.                                                   |
| <b>Endotoxin</b>        | <1.0EU per 1ug (determined by the LAL method)                                                          |
| <b>Purity</b>           | >97%                                                                                                   |
| <b>Applications</b>     | Positive Control; Immunogen; SDS-PAGE; WB.                                                             |

 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

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|--------------------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| <b>Stability</b>         | The thermal stability is described by the loss rate. The loss rate was determined by accelerated thermal degradation test, that is, incubate the protein at 37°C for 48h, and no obvious degradation and precipitation were observed. The loss rate is less than 5% within the expiration date under appropriate storage condition. |
| <b>Storage</b>           | Avoid repeated freeze/thaw cycles. Store at 2-8°C for one month. Aliquot and store at -80°C for 12 months.                                                                                                                                                                                                                          |
| <b>Concentration</b>     | 200µg/mL                                                                                                                                                                                                                                                                                                                            |
| <b>Storage buffer</b>    | 100mMNaHCO <sub>3</sub> , 500mMNaCl, pH8.3, containing 1mM EDTA, 1mM DTT, 0.01% SKL, 5% Trehalose and Proclin300.                                                                                                                                                                                                                   |
| <b>Reconstitution</b>    | Reconstitute in 100mM NaHCO <sub>3</sub> , 500mM NaCl (pH8.3) to a concentration of 0.1-1.0 mg/mL. Do not vortex.                                                                                                                                                                                                                   |
| <b>Isoelectric Point</b> | 7.9                                                                                                                                                                                                                                                                                                                                 |

## GENE INFORMATION

|                        |                                                                                                                                                                                                                                                                                                                                                             |
|------------------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| <b>Gene Name</b>       | <a href="#">Isg15</a> ISG15 ubiquitin-like modifier [ <a href="#">Mus musculus (house mouse)</a> ]                                                                                                                                                                                                                                                          |
| <b>Official Symbol</b> | <a href="#">Isg15</a>                                                                                                                                                                                                                                                                                                                                       |
| <b>Synonyms</b>        | Isg15; ISG15 ubiquitin-like modifier; G1p2; IP17; Irfp; UCRP; IGI15; ubiquitin-like protein ISG15; interferon, alpha-inducible protein; interferon-induced 15 kDa protein; interferon-induced 15-KDa protein; interferon-induced 17 kDa protein; interferon-stimulated protein (15 kDa); interferon-stimulated protein 15; ubiquitin cross-reactive protein |
| <b>Gene ID</b>         | <a href="#">100038882</a>                                                                                                                                                                                                                                                                                                                                   |

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|----------------|-----------------------------|
| mRNA Refseq    | <a href="#">NM_015783.3</a> |
| Protein Refseq | <a href="#">NP_056598.2</a> |
| UniProt ID     | <a href="#">Q64339</a>      |

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