

## Recombinant Human ISG15 protein

Cat. No. ISG15-191H    Lot. No. (See product label)

### SPECIFICATION

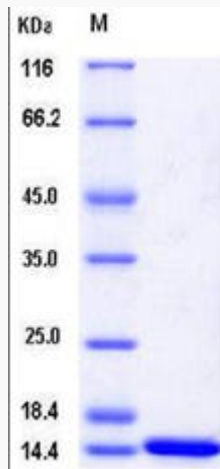
|                         |                                                                                                                                                                                                           |
|-------------------------|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| <b>Product Overview</b> | Recombinant Human ISG15 protein(AAH09507.1) (Met 1-Gly 157) was expressed and purified in E.coli.                                                                                                         |
| <b>Species</b>          | Human                                                                                                                                                                                                     |
| <b>Source</b>           | E.coli                                                                                                                                                                                                    |
| <b>ProteinLength</b>    | 1-157 aa                                                                                                                                                                                                  |
| <b>Form</b>             | Lyophilized from sterile 50mM Tris, pH 8.0.                                                                                                                                                               |
| <b>Molecular Mass</b>   | The recombinant human ISG15 (mature form) consists of 157 amino acids and has a calculated molecular mass of 17.2 kDa. It migrates as an approximately 15 kDa band in SDS-PAGE under reducing conditions. |
| <b>Purity</b>           | > 95 % 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>       | ISG15 ISG15 ubiquitin-like modifier [ Homo sapiens ]                                                                                                                                                                                                                                                                                                                                                         |
| <b>Official Symbol</b> | ISG15                                                                                                                                                                                                                                                                                                                                                                                                        |
| <b>Synonyms</b>        | ISG15; ISG15 ubiquitin-like modifier; G1P2, interferon, alpha inducible protein (clone IFI 15K); ubiquitin-like protein ISG15; IFI15; UCRP; ubiquitin cross-reactive protein; interferon-induced 15 kDa protein; interferon-induced 17 kDa protein; interferon-stimulated protein, 15 kDa; interferon-induced 17-kDa/15-kDa protein; interferon, alpha-inducible protein (clone IFI-15K); G1P2; IP17; hUCRP; |
| <b>Gene ID</b>         | 9636                                                                                                                                                                                                                                                                                                                                                                                                         |
| <b>mRNA Refseq</b>     | NM_005101                                                                                                                                                                                                                                                                                                                                                                                                    |
| <b>Protein Refseq</b>  | NP_005092                                                                                                                                                                                                                                                                                                                                                                                                    |
| <b>MIM</b>             | 147571                                                                                                                                                                                                                                                                                                                                                                                                       |
| <b>UniProt ID</b>      | P05161                                                                                                                                                                                                                                                                                                                                                                                                       |
| <b>SDS-PAGE</b>        |  <p>The SDS-PAGE gel image displays molecular weight markers on the left with values: 116, 66.2, 45.0, 35.0, 25.0, 18.4, and 14.4 kDa. A single prominent protein band is visible in the sample lane at approximately 15 kDa, corresponding to the ISG15 protein.</p>                                                    |

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