

# Active Recombinant Mouse Lag3 protein, His-tagged, Low Endotoxin

**Cat. No.** Lag3-1083M    **Lot. No.** (See product label)

## SPECIFICATION

|                         |                                                                                                                                                                  |
|-------------------------|------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| <b>Product Overview</b> | Recombinant Mouse Lag3 protein(Q61790)(23-442 aa), fused with C-terminal His tag, was expressed in HEK293.                                                       |
| <b>Species</b>          | Mouse                                                                                                                                                            |
| <b>Source</b>           | HEK293                                                                                                                                                           |
| <b>ProteinLength</b>    | 23-442 aa                                                                                                                                                        |
| <b>Form</b>             | Lyophilized from 0.22µm filtered solution in PBS (pH 7.4). Normally 8% trehalose is added as protectant before lyophilization.                                   |
| <b>Bio-activity</b>     | Immobilized Mouse LAG3, His Tag at 5µg/ml (100µl/Well) on the plate. Dose response curve for Mouse FGL1, hFc Tag with the EC50 of 0.11µg/ml determined by ELISA. |
| <b>Molecular Mass</b>   | The protein has a predicted MW of 46.2 kDa. Due to glycosylation, the protein migrates to 65-70 kDa based on Bis-Tris PAGE result.                               |
| <b>Endotoxin</b>        | Less than 0.01 EU per µg by the LAL method.                                                                                                                      |
| <b>Purity</b>           | > 95% as determined by Bis-Tris PAGE                                                                                                                             |
| <b>Storage</b>          | Store at -20 to -80°C for 12 months as supplied from date of receipt.-80°C for 3                                                                                 |

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months after reconstitution. Recommend to aliquot the protein into smaller quantities for optimal storage. Please minimize freeze-thaw cycles.

**Reconstitution** Dissolve the lyophilized protein in distilled water.

## GENE INFORMATION

**Gene Name** Lag3 lymphocyte-activation gene 3 [ *Mus musculus* ]

**Official Symbol** Lag3

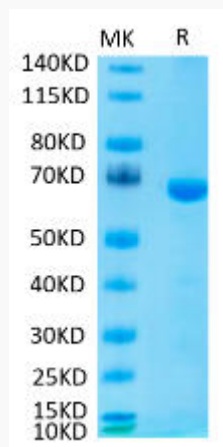
**Synonyms** LAG3; lymphocyte-activation gene 3; lymphocyte activation gene 3 protein; Ly66; CD223; LAG-3;

**Gene ID** 16768

**mRNA Refseq** NM\_008479

**Protein Refseq** NP\_032505

### Bis-Tris PAGE

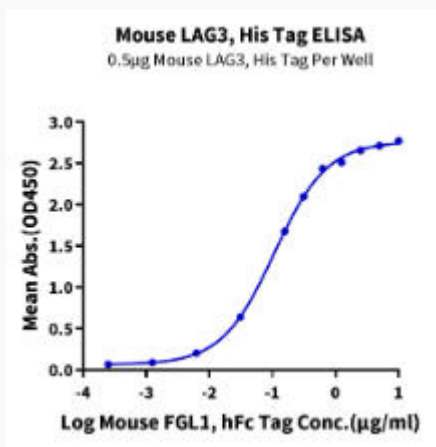


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## ELISA Data



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