

## Recombinant Mouse Lag3 protein, His-tagged

**Cat. No.** LAG3-8925M    **Lot. No.** (See product label)

### SPECIFICATION

|                             |                                                                                                                                                                                                               |
|-----------------------------|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| <b>Product Overview</b>     | Recombinant Mouse Lag3(Gly 24 - Leu 442) fused with His tag at the C-terminus was expressed in HEK293.                                                                                                        |
| <b>Species</b>              | Mouse                                                                                                                                                                                                         |
| <b>Source</b>               | HEK293                                                                                                                                                                                                        |
| <b>ProteinLength</b>        | Gly 24 - Leu 442                                                                                                                                                                                              |
| <b>Predicted N Terminal</b> | Gly 24                                                                                                                                                                                                        |
| <b>Form</b>                 | Lyophilized from 0.22 µm filtered solution in PBS, pH7.4. Normally Mannitol or Trehalose are added as protectants before lyophilization.                                                                      |
| <b>Molecular Mass</b>       | Has a calculated MW of 47.1 kDa. The reducing (R) protein migrates as 55-65 kDa in SDS-PAGE due to glycosylation.                                                                                             |
| <b>Endotoxin</b>            | Less than 1.0 EU per µg of the Mouse LAG-3, His Tag by the LAL method.                                                                                                                                        |
| <b>Purity</b>               | >95% as determined by SDS-PAGE.                                                                                                                                                                               |
| <b>Storage</b>              | Avoid repeated freeze-thaw cycles.No activity loss was observed after storage at:In lyophilized state for 1 year (4 centigrade); After reconstitution under sterile conditions for 3 months (-70 centigrade). |

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## GENE INFORMATION

|                            |                                                                                                        |
|----------------------------|--------------------------------------------------------------------------------------------------------|
| <b>Gene Name</b>           | Lag3 lymphocyte-activation gene 3 [ Mus musculus ]                                                     |
| <b>Official Symbol</b>     | Lag3                                                                                                   |
| <b>Synonyms</b>            | LAG3; lymphocyte-activation gene 3; lymphocyte activation gene 3 protein; Ly66; CD223; LAG-3;          |
| <b>Gene ID</b>             | 16768                                                                                                  |
| <b>mRNA Refseq</b>         | NM_008479                                                                                              |
| <b>Protein Refseq</b>      | NP_032505                                                                                              |
| <b>MIM</b>                 |                                                                                                        |
| <b>UniProt ID</b>          | Q61790                                                                                                 |
| <b>Chromosome Location</b> | 6; 6 F2                                                                                                |
| <b>Function</b>            | MHC class II protein binding; MHC class II protein binding; transmembrane signaling receptor activity; |

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