

## Active Recombinant Marmoset LAG3 Protein, His-tagged

**Cat. No.** LAG3-387M    **Lot. No.** (See product label)

### SPECIFICATION

|                         |                                                                                                                                                                                                                                                                                                                                                                                       |
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| <b>Product Overview</b> | Recombinant Marmoset LAG3 Protein, His-tagged is expressed from human 293 cells (HEK293). It contains AA Ala 18 - His 449 (Accession # F7HXP9-1). Predicted N-terminus: Ala 18. This protein carries a polyhistidine tag at the C-terminus. The protein has a calculated MW of 48.0 kDa. The protein migrates as 57 kDa under reducing (R) condition (SDS-PAGE) due to glycosylation. |
| <b>Species</b>          | Marmoset                                                                                                                                                                                                                                                                                                                                                                              |
| <b>Source</b>           | HEK293                                                                                                                                                                                                                                                                                                                                                                                |
| <b>ProteinLength</b>    | Ala 18 - His 449                                                                                                                                                                                                                                                                                                                                                                      |
| <b>Form</b>             | Lyophilized from 0.22 µm filtered solution in PBS, pH7.4. Normally trehalose is added as protectant before lyophilization.                                                                                                                                                                                                                                                            |
| <b>Bio-activity</b>     | Immobilized Madarex LAG-3 Mab, Human IgG1 at 2 µg/mL (100 µL/well) can bind Recombinant Marmoset LAG3 Protein, His-tagged with a linear range of 10-156 ng/mL (QC tested).                                                                                                                                                                                                            |
| <b>Molecular Mass</b>   | 48.0 kDa                                                                                                                                                                                                                                                                                                                                                                              |
| <b>Endotoxin</b>        | Less than 1.0 EU per µg by the LAL method.                                                                                                                                                                                                                                                                                                                                            |
| <b>Purity</b>           | >95% as determined by SDS-PAGE.                                                                                                                                                                                                                                                                                                                                                       |

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| <b>Notes</b>          | Please avoid repeated freeze-thaw cycles.                                                                                                                                              |
| <b>Stability</b>      | No activity loss is observed after storage at:<br>4-8 centigrade for 12 months in lyophilized state;<br>-70 centigrade for 3 months under sterile conditions after reconstitution.     |
| <b>Storage</b>        | For long term storage, the product should be stored at lyophilized state at -20 centigrade or lower.                                                                                   |
| <b>Reconstitution</b> | It is recommended that sterile water be added to the vial to prepare a stock solution of 0.2 mg/ml. Centrifuge the vial at 4 centigrade before opening to recover the entire contents. |

