

Active Recombinant Marmoset LAG3 Protein, His-tagged

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

SPECIFICATION

Product Overview	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.
Species	Marmoset
Source	HEK293
ProteinLength	Ala 18 - His 449
Form	Lyophilized from 0.22 µm filtered solution in PBS, pH7.4. Normally trehalose is added as protectant before lyophilization.
Bio-activity	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).
Molecular Mass	48.0 kDa
Endotoxin	Less than 1.0 EU per µg by the LAL method.
Purity	>95% as determined by SDS-PAGE.

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Notes	Please avoid repeated freeze-thaw cycles.
Stability	No activity loss is observed after storage at: 4-8 centigrade for 12 months in lyophilized state; -70 centigrade for 3 months under sterile conditions after reconstitution.
Storage	For long term storage, the product should be stored at lyophilized state at -20 centigrade or lower.
Reconstitution	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.

