

Active Recombinant Human LAG3 Protein, His & Avi-tagged, Biotinylated

Cat. No. LAG3-384H Lot. No. (See product label)

SPECIFICATION

Product Overview	Recombinant Human LAG3 Protein, His & Avi-tagged, Biotinylated is expressed from human 293 cells (HEK293). It contains AA Leu 23 - Leu 450 (Accession # P18627-1). Predicted N-terminus: Leu 23. This protein carries a polyhistidine tag at the C-terminus, followed by an Avi tag. The protein has a calculated MW of 49.9 kDa. The protein migrates as 60 kDa under reducing (R) condition (SDS-PAGE) due to glycosylation.
Species	Human
Source	HEK293
ProteinLength	Leu 23 - Leu 450
Form	Lyophilized from 0.22 µm filtered solution in PBS, pH7.4. Normally trehalose is added as protectant before lyophilization.
Bio-activity	Immobilized Anti-Human LAG-3 Mab at 2 µg/mL (100 µL/well) can bind Recombinant Human LAG3 Protein, His & Avi-tagged, Biotinylated with a linear range of 0.5-16 ng/mL (QC tested).
Molecular Mass	49.9 kDa
Endotoxin	Less than 1.0 EU per µg by the LAL method.

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Purity	>95% as determined by SDS-PAGE.
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.
Conjugation	Biotin

GENE INFORMATION

Gene Name	LAG3 lymphocyte-activation gene 3 [Homo sapiens]
Official Symbol	LAG3
Synonyms	LAG3; lymphocyte-activation gene 3; lymphocyte activation gene 3 protein; CD223;
Gene ID	3902
mRNA Refseq	NM_002286
Protein Refseq	NP_002277

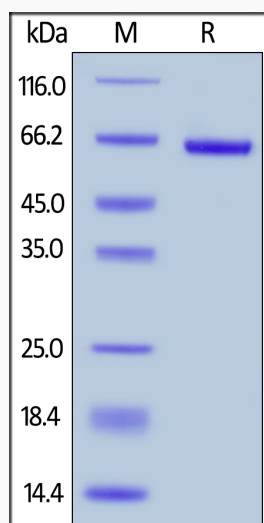
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MIM 153337

UniProt ID P18627



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