

Active Recombinant Human LAG3 Protein, mFc-tagged

Cat. No. LAG3-383H Lot. No. (See product label)

SPECIFICATION

Product Overview	Recombinant Human LAG3 Protein, MlgG2a Fc-tagged 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 mouse IgG2a Fc tag at the C-terminus.
Species	Human
Source	HEK293
ProteinLength	Leu 23 - Leu 450
Form	Lyophilized from 0.22 µm filtered solution in Tris with Glycine, Arginine and NaCl, pH7.5. Normally trehalose is added as protectant before lyophilization.
Bio-activity	Immobilized Human LAG-3, Mouse IgG2a Fc Tag at 2 µg/mL (100 µL/well) can bind Anti-Human LAG3 MAb, Human IgG1 with a linear range of 1-10 ng/mL.
Molecular Mass	The protein has a calculated MW of 73.3 kDa. The protein migrates as 90-100 kDa under reducing (R) condition (SDS-PAGE) due to glycosylation.
Endotoxin	Less than 1.0 EU per µg by the LAL method.
Purity	>95% as determined by SDS-PAGE. >95% as determined by SEC-MALS.

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Storage

For long term storage, the product should be stored at lyophilized state at -20 centigrade or lower.

Please avoid repeated freeze-thaw cycles.

This product is stable after storage at:

-20 centigrade to -70 centigrade for 12 months in lyophilized state;

-70 centigrade for 3 months under sterile conditions after reconstitution.

Reconstitution

It is recommended that sterile water be added to the vial to prepare a stock solution of 0.2 ug/ul. Centrifuge the vial at 4°C before opening to recover the entire contents.

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

MIM

153337

UniProt ID

P18627

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