

Active Recombinant Human LAG3 protein, His-tagged

Cat. No. LAG3-104H **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Recombinant Human LAG3 protein(Leu 23 - Leu 450), fused with His tag, was expressed in HEK293.
Species	Human
Source	HEK293
ProteinLength	23-450 a.a.
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 LAG3 MAb, Human IgG1 at 2 µg/mL (100 µL/well) can bind Human LAG-3 Protein, His Tag with a linear range of 1-6 ng/mL.
Molecular Mass	This protein carries a polyhistidine tag at the C-terminus. The protein has a calculated MW of 47.1 kDa. The protein migrates as 55-60 kDa under reducing (R) condition (SDS-PAGE) due to glycosylation.
Proteinlength	Leu23-Leu450
Endotoxin	Less than 0.01 EU per µg by the LAL method.
Purity	>95% as determined by SDS-PAGE.

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Storage For long term, the product should be stored at lyophilized state at -20°C or lower. Please avoid repeated freeze-thaw cycles. This product is stable after at: -20°C to -70°C for 12 months in lyophilized state; -70°C 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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