

Active Recombinant Human LAG3 protein(Met1-Leu450), mFc-tagged

Cat. No. LAG3-15H Lot. No. (See product label)

SPECIFICATION

Product Overview	Recombinant Human LAG3 (NP_002277.4) (Met1-Leu450) was expressed in HEK293 with the Fc region of Mouse IgG1 at the C-terminus.
Species	Human
Source	HEK293
ProteinLength	Met1-Leu450
Form	Lyophilized from sterile PBS, pH 7.4. Normally 5 % - 8 % trehalose, mannitol and 0.01% Tween80 are added as protectants before lyophilization.
Bio-activity	Immobilized LAG3 Protein, Human, Recombinant (ECD, mFc Tag) at 2 µg/mL (100 µL/well) can bind Anti-LAG3(BMS)-IgG4 Antibody (Relatlimab), the EC50 is 8-40 ng/mL.
Molecular Mass	The recombinant human LAG3 consists of 662 amino acids and predicts a molecular mass of 72.6 kDa. As a result of glycosylation, it migRates as an approximately 87.3 KDa band in SDS-PAGE under reducing conditions.
Endotoxin	< 1.0 EU per µg protein as determined by the LAL method.
Purity	> 90 % as determined by SDS-PAGE.

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Storage Samples are stable for up to twelve months from date of receipt at -20°C to -80°C. Store it under sterile conditions at -20°C to -80°C. It is recommended that the protein be aliquoted for optimal storage. Avoid repeated freeze-thaw cycles.

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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