

Active Recombinant Human LAG3 protein, Biotinylated

Cat. No. LAG3-2147H **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Biotinylated Recombinant Human LAG3 protein(NP_002277.4)(Met1-Arg440) was expressed in HEK293.
Species	Human
Source	HEK293
ProteinLength	Met1-Arg440
Form	Lyophilized from sterile PBS, pH7.4Please contact us for any concerns or special requirements. Normally 5 % - 8 % trehalose, mannitol and 0.01% Tween80 are added as protectants before lyophilization. Please refer to the specific buffer information in the hard copy of CoA.
Bio-activity	Immobilized Human LAG3, Biotinylated at 2 µg/mL (100 µL/well) can bind Human FGL1 (hFc Tag), the EC50 is 150-700 ng/mL.
Molecular Mass	The recombinant human LAG3 consists of 418 amino acids and predicts a molecular mass of 45.3 kDa. As a result of glycosylation, it migrates as an approximately 55.6 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.
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
MIM	153337
UniProt ID	P18627

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