

Recombinant Human LAG3 protein(Met1-Arg440)

Cat. No. LAG3-467H **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Recombinant Human LAG3 (NP_002277.4) (Met1-Arg440) was expressed in HEK293.
Species	Human
Source	HEK293
ProteinLength	Met1-Arg440
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	Measured by its ability to bind FGL1 Protein, Human, Recombinant (hFc Tag) in functional ELISA.
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 56.1 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. > 95 % as determined by SEC-HPLC.
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

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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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