

## Active Recombinant Human LAG3 protein, His-tagged

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

### SPECIFICATION

<b>Product Overview</b>	Recombinant Human LAG3 protein(Leu 23 - Leu 450), fused with His tag, was expressed in HEK293.
<b>Species</b>	Human
<b>Source</b>	HEK293
<b>ProteinLength</b>	23-450 a.a.
<b>Form</b>	Lyophilized from 0.22 µm filtered solution in PBS, pH7.4. Normally trehalose is added as protectant before lyophilization.
<b>Bio-activity</b>	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.
<b>Molecular Mass</b>	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.
<b>Proteinlength</b>	Leu23-Leu450
<b>Endotoxin</b>	Less than 0.01 EU per µg by the LAL method.
<b>Purity</b>	>95% as determined by SDS-PAGE.

 Tel: 1-631-559-9269 1-516-512-3133

 Email: [info@creative-biomart.com](mailto:info@creative-biomart.com)  Fax: 1-631-938-8127

 45-1 Ramsey Road, Shirley, NY 11967, USA

**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

 Tel: 1-631-559-9269 1-516-512-3133

 Email: [info@creative-biomart.com](mailto:info@creative-biomart.com)  Fax: 1-631-938-8127

 45-1 Ramsey Road, Shirley, NY 11967, USA