

PRODUCT INFORMATION

Target LAG3 CD223 **Synonyms**

Recombinant human LAG3 Protein with C-**Description**

terminal mouse Fc tag

Delivery In Stock **Uniprot ID** P18627 **Expression Host** HEK293

Tag C-Mouse Fc tag

Molecular

Purity

Background

LAG3(Leu23-Leu450) mFc(Pro99-Lys330) Characterization

The protein has a predicted molecular mass of **Molecular Weight** 72.4 kDa after removal of the signal peptide.

The purity of the protein is greater than 95% as determined by SDS-PAGE and Coomassie blue

staining.

Lyophilized from sterile PBS, pH 7.4. Normally 5 % – 8% trehalose is added as protectants before Formulation &

lyophilization. Please see Certificate of Analysis Reconstitution for specific instructions of reconstitution.

Store at -20°C to -80°C for 12 months in lyophilized form. After reconstitution, if not

intended for use within a month, aliquot and store at -80°C (Avoid repeated freezing and thawing). Storage & Shipping

Lyophilized proteins are shipped at ambient

temperature.

Lymphocyte-activation protein 3 belongs to Ig superfamily and contains 4 extracellular Ig-like domains. The LAG3 gene contains 8 exons. The sequence data, exon/intron organization, and

chromosomal localization all indicate a close relationship of LAG3 to CD4. [provided by RefSeq,

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Jul 20081

Usage Research use only Conjugate Unconjugated





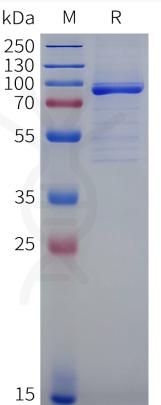


Figure 1.Human LAG3 Protein, mFc Tag on SDS-PAGE under reducing condition.

Human LAG3 Protein, mFc Tag ELISA

0.2 μg of Human FGL1, His Tagged protein per well

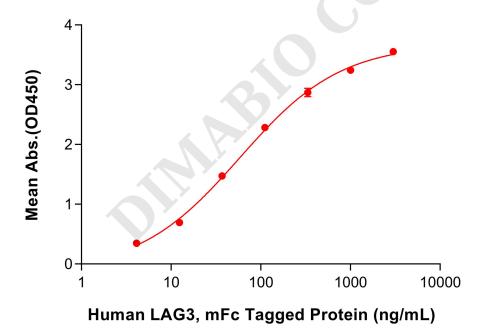


Figure 2. ELISA plate pre-coated by 2 μ g/mL (100 μ L/well) Human FGL1 Protein, His Tag (PME101159) can Human LAG3 Protein, mFc Tag (PME101844) in a linear range of 80–200 ng/mL.

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