

PRODUCT INFORMATION

Target LAG3

LAG-3;CD223 **Synonyms**

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

terminal Human Fc tag

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

Tag C-Human Fc Tag

Molecular

Storage & Shipping

Background

LAG3(Leu23-Leu450) hFc(Glu99-Ala330) Characterization

The protein has a predicted molecular mass of

72.3 kDa after removal of the signal peptide. The apparent molecular mass of LAG3-hFc is **Molecular Weight**

approximately 100-130 kDa due to glycosylation.

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

staining.

Lyophilized from sterile PBS, pH 7.4. Normally 5 % - 8% trehalose is added as protectants before lyophilization. Please see Certificate of Analysis Formulation & 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). Lyophilized proteins are shipped at ambient

temperature.

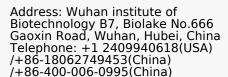
Lymphocyte-activation protein 3 belongs to Ig superfamily and contains 4 extracellular Ig-like domains. The LAG3 gene contains 8 exons. The sequence data, exon/intron organization, and chromosomal localization all indicate a close

relationship of LAG3 to CD4. [provided by RefSeq,

Jul 2008]

Usage Research use only

Conjugate Unconjugated



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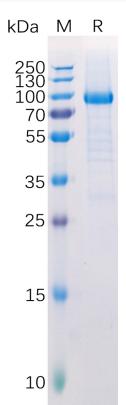


Figure 1. Human LAG3 Protein, hFc Tag on SDS-PAGE under reducing condition.

Human LAG3 Protein, hFc Tag ELISA

0.2 μg of Human FGL1, His Tagged protein per well

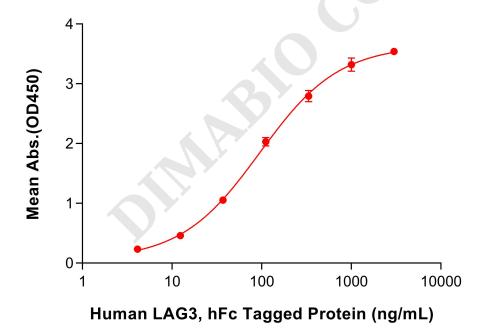


Figure 2. ELISA plate pre-coated by 2 μ g/mL (100 μ L/well) Human FGL1 Protein, His Tag (PME101159) can bind Human LAG3 Protein, hFc Tag (PME100513) in a linear range of 80–200 ng/mL.

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