

## **PRODUCT INFORMATION**

**Target** LAG3

LAG-3;CD223 **Synonyms** 

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

terminal 6×His tag

**Delivery** In Stock **Uniprot ID** P18627 **Expression Host HEK293** C-6×His Tag

Tag

Molecular Characterization

LAG3(Leu23-Leu450) 6×His tag

The protein has a predicted molecular mass of **Molecular Weight** 

47.0 kDa after removal of the signal peptide. The apparent molecular mass of LAG3-His is

approximately 55-70 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 Storage & Shipping 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

**Background** 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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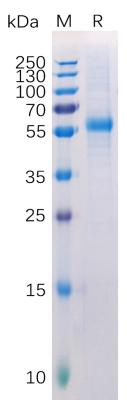


Figure 1. Human LAG3 Protein, His Tag on SDS-PAGE under reducing condition.

## **Human LAG3, His Tagged protein ELISA**

0.1µg of Human LAG3, His Tagged protein per well

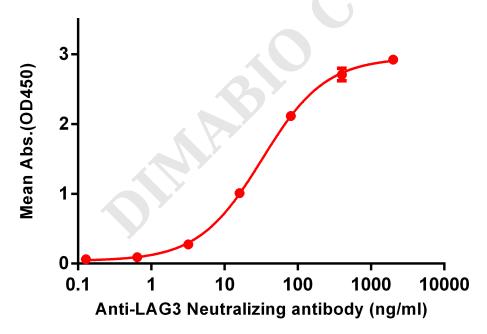


Figure 2. ELISA plate pre-coated by 1  $\mu$ g/ml (100  $\mu$ l/well) Human LAG3 , His tagged protein (PME100512) can bind Anti-LAG3 Neutralizing antibody BME100062 in a linear range of 16-80ng/ml.

