

Catalog Number: **230-00694**

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**Recombinant Human LAG3 protein****Source**

|                         |  |
|-------------------------|--|
| <b>Species</b>          | Human  |
| <b>Accession Number</b> | P18627-2   |
| <b>Gene Symbol</b>      | LAG3   |
| <b>Expressed Region</b> | Trp2-Glu360  |
| <b>Synonyms</b>         | Lymphocyte activation gene 3 protein, Lymphocyte-Activation Gene 3, LAG-3, CD223, Protein FDC, FDC |

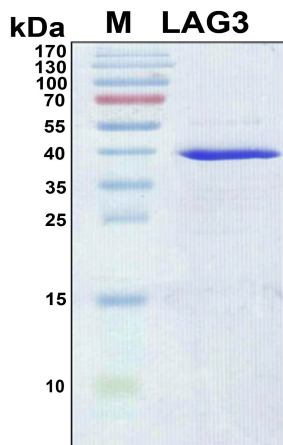
**Preparation**

|                             |   |
|-----------------------------|---|
| <b>Expression System</b>    | E.Coli  |
| <b>Tag</b>                  | N-terminal 6x histidine tag   |
| <b>Purification</b>         | His-tag affinity purification by immobilized metal ion affinity chromatography (IMAC) |
| <b>Purity</b>               | > 95%   |
| <b>Purity Determined By</b> | SDS-PAGE under reducing conditions and visualized by Coomassie blue staining          |
| <b>Molecular Weight</b>     | 38.8  |

**Protein Specifications**

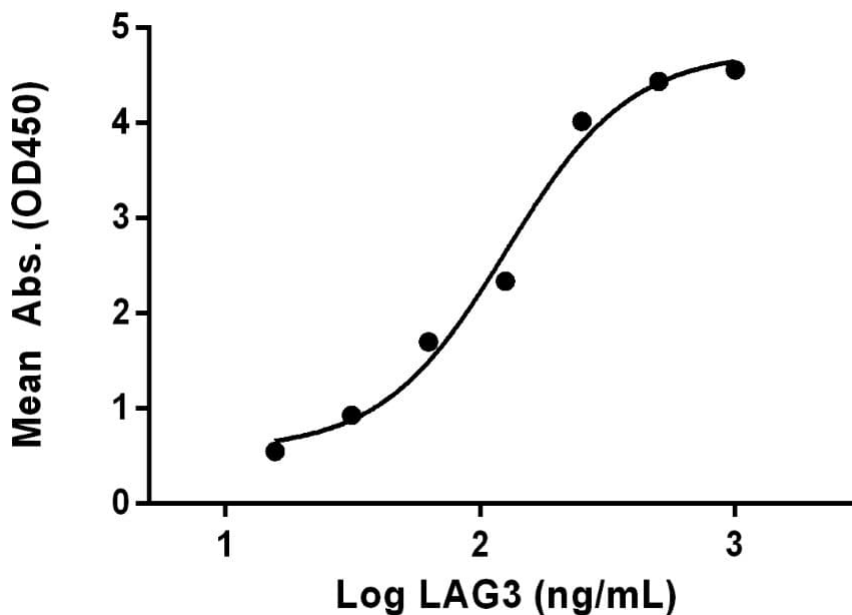
|                        |   |
|------------------------|---|
| <b>Format</b>          | Liquid  |
| <b>Formulation</b>     | Supplied as a 0.45 um filtered solution in 100 mM NaH <sub>2</sub> PO <sub>4</sub> (pH 7.4), 0.3 M NaCl, 1 M imidazole, 6 M urea. |
| <b>Concentration</b>   | Lot specific (see the label on the vial)  |
| <b>Preservative</b>    | None  |
| <b>Endotoxin Level</b> | Not determined  |

SDS-PAGE Image



**Activity**

Measured by its binding ability in a functional ELISA. Immobilized recombinant CD4 can bind LAG3 with EC50 at 105.2 ng/mL.



**Shipping**

Ice packs

**Storage/Stability**

Upon arrival, the protein may be stored for 2 weeks at 4 °C. For long term storage, it is recommended to store at -20 °C or -80 °C in appropriate aliquots. Avoid repeated freeze-thaw cycles.

This product is furnished for LABORATORY RESEARCH USE ONLY.

Not for diagnostic or therapeutic use.