

## LAG3/CD223 recombinant protein

Biotinylated Human LAG3/CD223 Protein Recombinant

|           |                                                                                                                                         |
|-----------|-----------------------------------------------------------------------------------------------------------------------------------------|
| CATALOG # | HOST                                                                                                                                    |
| AAA76221  | HEK293 cells (Note: Host protein expression may be lot-specific and can be subject to change during production, including bulk orders.) |

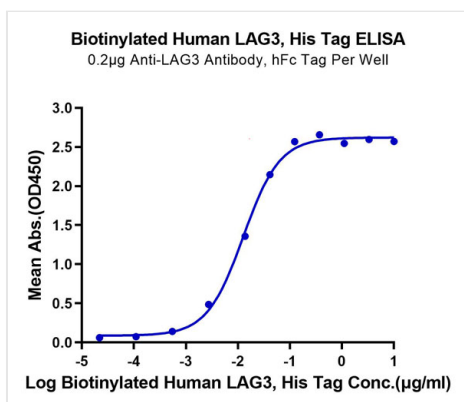
### PRODUCT SYNONYMS

LAG3/CD223; Biotinylated Human LAG3/CD223 Protein Recombinant; LAG3/CD223 recombinant protein

### PRODUCT SPECIFICATIONS

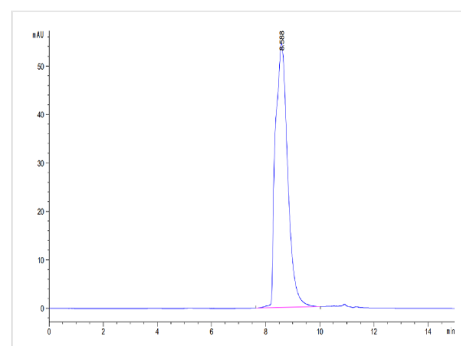
|                         |                                                                                                                                                                                                        |
|-------------------------|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Host                    | HEK293 cells (Note: Host protein expression may be lot-specific and can be subject to change during production, including bulk orders.)                                                                |
| Purity/Purification     | >95%, as determined by SDS-PAGE and HPLC                                                                                                                                                               |
| Form/Format             | Recombinant Human LAG3/CD223 was lyophilized from 0.2 um filtered PBS solution pH7.4                                                                                                                   |
| Source                  | DNA sequence encoding Human LAG3/CD223 including a C-His-Avi tag was expressed in HEK293 Cells. The recombinant protein was then biotinylated site specific using the AVItag biotinylation technology. |
| Endotoxin               | Endotoxin content was assayed using a LAL gel clot method. Endotoxin level was found to be less than 0.1 ng/ug (1EU/ug).                                                                               |
| Reconstitution          | Centrifuge vial to ensure maximal product extraction, recommended: 20sec, 5K RPM                                                                                                                       |
| Preparation and Storage | The lyophilized protein is stable for at least 2 years from date of receipt at -20 degree C.                                                                                                           |

### IMAGES



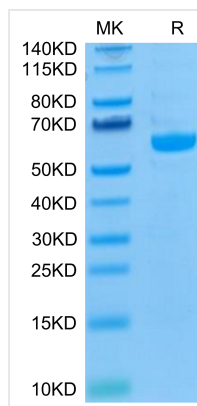
#### ELISA

Biotinylated Human LAG3/CD223 Protein ELISA Data: Immobilized Anti-LAG3 Antibody, hFc Tag at 2 µg/ml (100 µl/well) on the plate. Dose response curve for Biotinylated Human LAG3, His Tag with the EC50 of 12.7 ng/ml determined by ELISA.



#### Application Data

Biotinylated Human LAG3/CD223 Protein SEC-HPLC: The purity of Biotinylated Human LAG3 is greater than 95% as determined by SEC-HPLC.



#### Tris-Bis-PAGE

Biotinylated Human LAG3/CD223 Protein Tris-Bis PAGE Biotinylated Human LAG3 on Tris-Bis PAGE under reduced condition. The purity is greater than 95%.

## ADDITIONAL INFORMATION

Product Categories/Family for  
LAG3/CD223 recombinant protein

Biotinylated proteins

## NCBI AND UNIPROT INFORMATION

|                                  |                                      |
|----------------------------------|--------------------------------------|
| NCBI GI #                        | 251757512                            |
| NCBI GeneID                      | 3902                                 |
| UniProt Accession #              | P18627; Q7Z643; A8K7T9               |
| Molecular Weight                 | 525                                  |
| NCBI Official Full Name          | Lymphocyte activation gene 3 protein |
| NCBI Official Synonym Full Names | lymphocyte-activation gene 3         |
| NCBI Official Symbol             | LAG3                                 |
| NCBI Official Synonym Symbols    | CD223                                |
| NCBI Protein Information         | lymphocyte activation gene 3 protein |
| UniProt Protein Name             | Lymphocyte activation gene 3 protein |
| UniProt Gene Name                | <b>LAG3</b>                          |
| UniProt Synonym Gene Names       | FDC; LAG-3                           |
| UniProt Entry Name               | LAG3_HUMAN                           |

**For Research Use Only.** Not for use in diagnostic or therapeutic procedures. Small volumes of product may become entrapped in the seal of the vial during shipment and storage; if necessary, briefly centrifuge the vial on a tabletop centrifuge to dislodge any liquid in the cap.

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Online datasheet: <https://www.aaabiotech.com/lag3-recombinant-protein-hek293-cells/76221>