

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.)

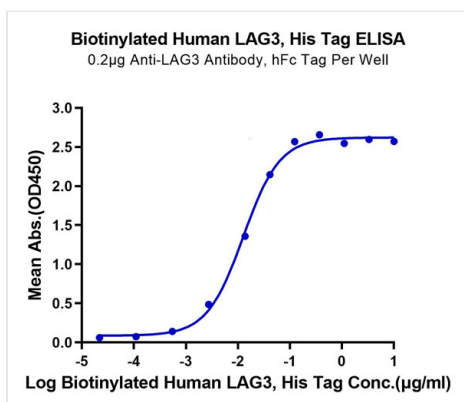
PRODUCT SYNONYMS

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

PRODUCT SPECIFICATIONS

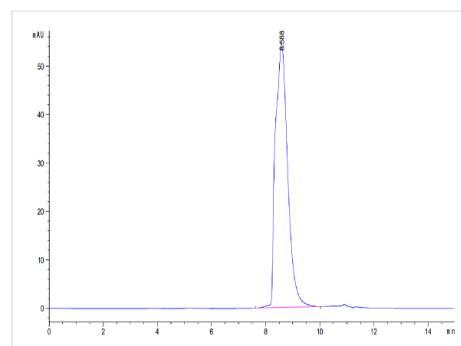
Host	HEK293 cells (Note: Host protein expression may be lot-specific and can be subject to change during production, including bulk orders.)
Purity/Purification	>95%, as determined by SDS-PAGE and HPLC
Form/Format	Recombinant Human LAG3/CD223 was lyophilized from 0.2 um filtered PBS solution pH7.4
Source	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



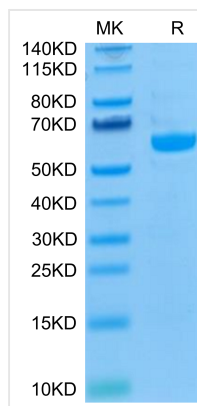
ELISA

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
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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	LAG3
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://stage.aaabiotech.com/lag3-recombinant-protein-hek293-cells/76221>