

NKG2D/CD314 recombinant protein

Biotinylated Human NKG2D/CD314 Protein Recombinant

CATALOG #	HOST
AAA76166	HEK293 cells (Note: Host protein expression may be lot-specific and can be subject to change during production, including bulk orders.)

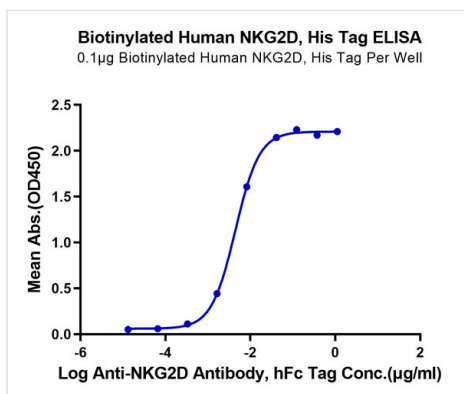
PRODUCT SYNONYMS

NKG2D/CD314; Biotinylated Human NKG2D/CD314 Protein Recombinant; NKG2D/CD314 recombinant protein

PRODUCT SPECIFICATIONS

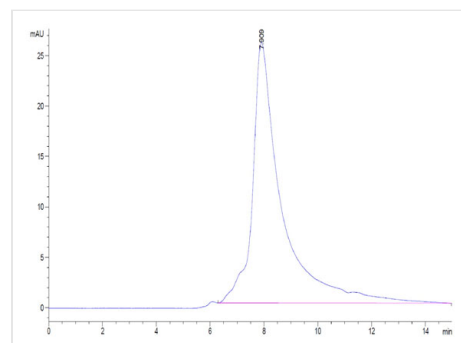
Host	HEK293 cells (Note: Host protein expression may be lot-specific and can be subject to change during production, including bulk orders.)
Purity/Purification	>95%, as determined by SDS-PAGE and HPLC
Form/Format	Recombinant Human NKG2D/CD314 was lyophilized from 0.2 um filtered PBS solution pH7.4
Source	DNA sequence encoding Human NKG2D/CD314 including a N-His-Avi tag was expressed in HEK293 Cells. The recombinant protein was then biotinylated site specific using the AVI tag 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).
Molecular Function	Receptor
Biological Process	Immunity, Differentiation
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 NKG2D/CD314 Protein ELISA Data: Immobilized Biotinylated Human NKG2D, His Tag at 1µg/ml (100µl/well) on the plate. Dose response curve for Anti-NKG2D Antibody, hFc Tag with the EC50 of 4.4ng/ml determined by ELISA.



Application Data

Biotinylated Human NKG2D/CD314 Protein SEC-HPLC: The purity of Biotinylated Human NKG2D is greater than 95% as determined by SEC-HPLC.



Tris-Bis-PAGE

Biotinylated Human NKG2D/CD314 Protein Tris-Bis PAGE Biotinylated Human NKG2D on Tris-Bis PAGE under reduced condition. The purity is greater than 95%.

ADDITIONAL INFORMATION

Product Categories/Family for NKG2D/CD314 recombinant protein	Biotinylated proteins
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NCBI AND UNIPROT INFORMATION

NCBI GI #	315221164
NCBI GeneID	100528032
NCBI Accession #	NP_001186734.1
NCBI GenBank Nucleotide #	NM_001199805.1
UniProt Accession #	P26718; P01730 CD4_HUMAN
Molecular Weight	25,274 Da
NCBI Official Full Name	NKG2-D type II integral membrane protein
NCBI Official Symbol	KLRC4-KLRK1
NCBI Protein Information	NKG2-D type II integral membrane protein; NK cell receptor D; NKG2-D-activating NK receptor; killer cell lectin-like receptor subfamily K member 1
UniProt Protein Name	NKG2-D type II integral membrane protein
UniProt Gene Name	KLRK1
UniProt Synonym Gene Names	D12S2489E; NKG2D
UniProt Entry Name	NKG2D_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/klrk1-recombinant-protein-hek293-cells/76166>