

DNAM-1/CD226 recombinant protein

Biotinylated Human DNAM-1/CD226 Protein Recombinant

CATALOG #	HOST
AAA76238	HEK293 cells (Note: Host protein expression may be lot-specific and can be subject to change during production, including bulk orders.)

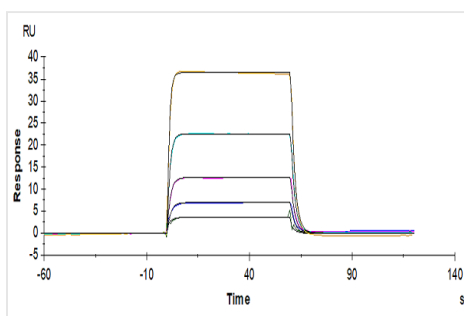
PRODUCT SYNONYMS

DNAM-1/CD226; Biotinylated Human DNAM-1/CD226 Protein Recombinant; DNAM-1/CD226 recombinant protein

PRODUCT SPECIFICATIONS

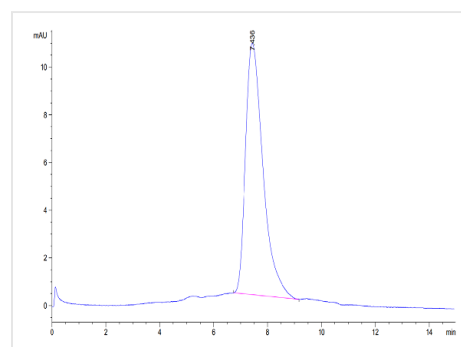
Host	HEK293 cells (Note: Host protein expression may be lot-specific and can be subject to change during production, including bulk orders.)
Purity/Purification	>95%, as determined by SDS-PAGE and HPLC
Form/Format	Recombinant Human DNAM-1/CD226 was lyophilized from 0.2 um filtered PBS solution pH7.4
Source	DNA sequence encoding Human DNAM-1/CD226 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).
Biological Process	Cell-adhesion, Receptor
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



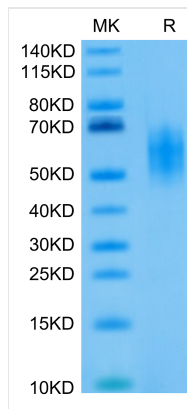
Application Data

Biotinylated Human DNAM-1/CD226 Protein SPR Data Human CD155, hFc Tag captured on CM5 Chip via Protein A can bind Biotinylated Human DNAM-1, His-Avi Tag with an affinity constant of 264nM as determined in SPR assay (Biacore T200).



Application Data

Biotinylated Human DNAM-1/CD226 Protein SEC-HPLC The purity of Biotinylated Human DNAM-1 is greater than 95% as determined by SEC-HPLC.



Tris-Bis-PAGE

Biotinylated Human DNAM-1/CD226 Protein Tris-Bis PAGE Biotinylated Human DNAM-1 on Tris-Bis PAGE under reduced condition. The purity is greater than 95%.

ADDITIONAL INFORMATION

Product Categories/Family for DNAM-1/CD226 recombinant protein	Biotinylated proteins
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NCBI AND UNIPROT INFORMATION

NCBI GI #	171460997
NCBI GeneID	10666
NCBI Accession #	NP_006557.2
NCBI GenBank Nucleotide #	NM_006566.2
UniProt Accession #	Q15762; B2R818
Molecular Weight	38,614 Da
NCBI Official Full Name	CD226 antigen
NCBI Official Synonym Full Names	CD226 molecule
NCBI Official Symbol	CD226
NCBI Official Synonym Symbols	PTA1; DNAM1; DNAM-1; TLISA1
NCBI Protein Information	CD226 antigen; adhesion glycoprotein; DNAX accessory molecule 1; DNAX accessory molecule-1; platelet and T cell activation antigen 1; T lineage-specific activation antigen 1 antigen
UniProt Protein Name	CD226 antigen
UniProt Gene Name	CD226
UniProt Synonym Gene Names	DNAM1; DNAM-1
UniProt Entry Name	CD226_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/cd226-recombinant-protein-hek293-cells/76238>