

Nectin-1/PVRL1/CD111 Recombinant Protein | PVRL1/CD111 recombinant protein

Biotinylated Human Nectin-1/PVRL1/CD111 Protein Recombinant

CATALOG #	HOST
AAA76208	HEK293 cells (Note: Host protein expression may be lot-specific and can be subject to change during production, including bulk orders.)

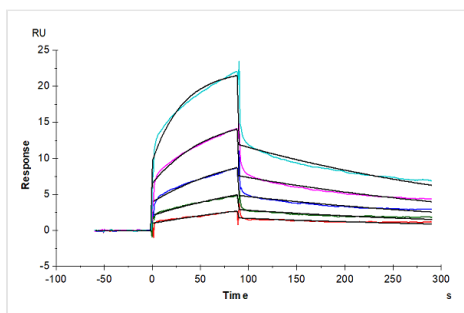
PRODUCT SYNONYMS

Nectin-1/PVRL1/CD111; Biotinylated Human Nectin-1/PVRL1/CD111 Protein Recombinant; PVRL1/CD111 recombinant protein

PRODUCT SPECIFICATIONS

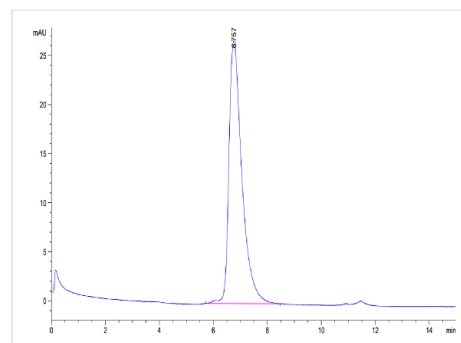
Host	HEK293 cells (Note: Host protein expression may be lot-specific and can be subject to change during production, including bulk orders.)
Purity/Purification	>95%, as determined by SDS-PAGE and HPLC
Form/Format	Recombinant Human Nectin-1/PVRL1/CD111 was lyophilized from 0.2 um filtered PBS solution pH7.4
Source	DNA sequence encoding Human Nectin-1/PVRL1/CD111 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).
Molecular Function	Receptor
Biological Process	Cell-adhesion, Host-virus-interaction
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 Nectin-1/PVRL1/CD111 Protein SPR Data Human Nectin-4, hFc Tag captured on CM5 Chip via Protein A can bind Biotinylated Human Nectin-1, His-Avi Tag with an affinity constant of 22.83 nM as determined in SPR assay (Biacore T200).



Application Data

Biotinylated Human Nectin-1/PVRL1/CD111 Protein SEC-HPLC The purity of Biotinylated Human Nectin-1 is greater than 95% as determined by SEC-HPLC.



Tris-Bis-PAGE

Biotinylated Human Nectin-1/PVRL1/CD111 Protein Tris-Bis PAGE Biotinylated Human Nectin-1 on Tris-Bis PAGE under reduced condition. The purity is greater than 95%.

ADDITIONAL INFORMATION

Product Categories/Family for PVRL1/CD111 recombinant protein	Biotinylated proteins
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NCBI AND UNIPROT INFORMATION

NCBI GI #	42560237
NCBI GeneID	5818
NCBI Accession #	NP_002846.3
NCBI GenBank Nucleotide #	NM_002855.4
UniProt Accession #	Q15223; P01730 CD4_HUMAN; P15151 PVR_HUMAN; Q96NY8; Q9NQS3 NECT3_HUMAN
Molecular Weight	57,158 Da
NCBI Official Full Name	poliovirus receptor-related protein 1 isoform 1
NCBI Official Synonym Full Names	poliovirus receptor-related 1 (herpesvirus entry mediator C)
NCBI Official Symbol	PVRL1
NCBI Official Synonym Symbols	ED4; PRR; HlgR; HVEC; OFC7; PRR1; PVRR; CD111; PVRR1; SK-12; CLPED1; nectin-1
NCBI Protein Information	poliovirus receptor-related protein 1; nectin 1; poliovirus receptor-like 1; herpesvirus Ig-like receptor; herpes virus entry mediator C; ectodermal dysplasia 4 (Margarita Island type)
UniProt Protein Name	Poliovirus receptor-related protein 1
UniProt Gene Name	PVRL1
UniProt Synonym Gene Names	HVEC; PRR1; Herpesvirus entry mediator C; HveC; HlgR
UniProt Entry Name	PVRL1_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.

AAA Biotech | Tel: +1 (619) 604-9440 | Fax: +1 (619) 604-9441 | contact@aaabiotech.com
Online datasheet: <https://stage.aaabiotech.com/pvrl1-recombinant-protein-hek293-cells/76208>