

ALCAM/CD166 recombinant protein

Biotinylated Human ALCAM/CD166 Protein Recombinant

CATALOG #	HOST
AAA76155	HEK293 cells (Note: Host protein expression may be lot-specific and can be subject to change during production, including bulk orders.)

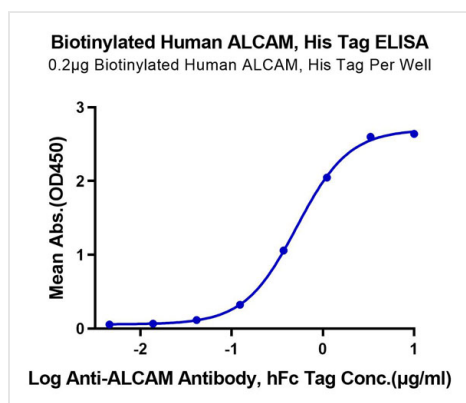
PRODUCT SYNONYMS

ALCAM/CD166; Biotinylated Human ALCAM/CD166 Protein Recombinant; ALCAM/CD166 recombinant protein

PRODUCT SPECIFICATIONS

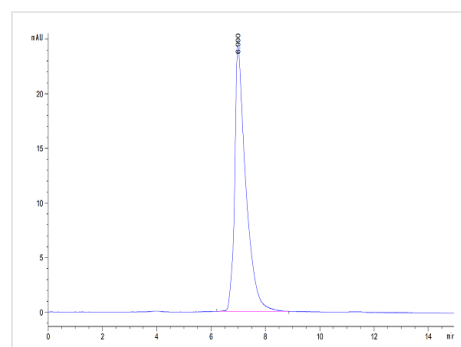
Host	HEK293 cells (Note: Host protein expression may be lot-specific and can be subject to change during production, including bulk orders.)
Purity/Purification	>95%, as determined by SDS-PAGE and HPLC
Form/Format	Recombinant Human ALCAM/CD166 was lyophilized from 0.2 um filtered PBS solution pH7.4
Source	DNA sequence encoding Human ALCAM/CD166 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	Immunity, Cell-adhesion
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



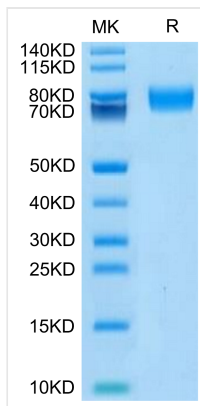
ELISA

Biotinylated Human ALCAM/CD166 Protein ELISA Data: Immobilized Biotinylated Human ALCAM, His Tag at 2?g/ml (100?I/Well) on the plate. Dose response curve for Anti-ALCAM Antibody, hFc Tag with the EC50 of 0.48?g/ml determined by ELISA.



Application Data

Biotinylated Human ALCAM/CD166 Protein SEC-HPLC: The purity of Biotinylated Human ALCAM is greater than 95% as determined by SEC-HPLC.



Tris-Bis-PAGE

Biotinylated Human ALCAM/CD166 Protein Tris-Bis PAGE Biotinylated Human ALCAM on Tris-Bis PAGE under reduced condition. The purity is greater than 95%.

ADDITIONAL INFORMATION

Product Categories/Family for ALCAM/CD166 recombinant protein	Biotinylated proteins
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NCBI AND UNIPROT INFORMATION

NCBI GI #	886258
NCBI GeneID	214
UniProt Accession #	Q13740; O60892; Q1HGM8; Q1HGM9; B2RNS3; B4DTU0
Molecular Weight	65,102 Da
NCBI Official Full Name	alcam
NCBI Official Synonym Full Names	activated leukocyte cell adhesion molecule
NCBI Official Symbol	ALCAM
NCBI Official Synonym Symbols	MEMD; CD166
NCBI Protein Information	CD166 antigen
UniProt Protein Name	CD166 antigen
UniProt Gene Name	ALCAM
UniProt Synonym Gene Names	MEMD
UniProt Entry Name	CD166_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/alcam-recombinant-protein-hek293-cells/76155>