

CEACAM-5/CD66e recombinant protein

Biotinylated Human CEACAM-5/CD66e Protein Recombinant

CATALOG #	HOST
AAA76167	HEK293 cells (Note: Host protein expression may be lot-specific and can be subject to change during production, including bulk orders.)

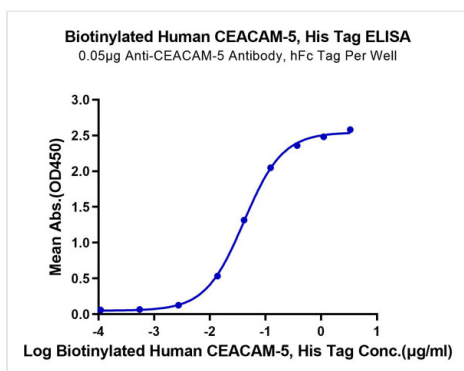
PRODUCT SYNONYMS

CEACAM-5/CD66e; Biotinylated Human CEACAM-5/CD66e Protein Recombinant; CEACAM-5/CD66e recombinant protein

PRODUCT SPECIFICATIONS

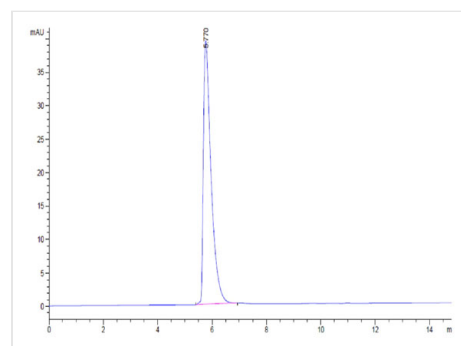
Host	HEK293 cells (Note: Host protein expression may be lot-specific and can be subject to change during production, including bulk orders.)
Purity/Purification	>95%, as determined by SDS-PAGE and HPLC
Form/Format	Recombinant Human CEACAM-5/CD66e was lyophilized from 0.2 um filtered PBS solution pH7.4
Source	DNA sequence encoding Human CEACAM-5/CD66e 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



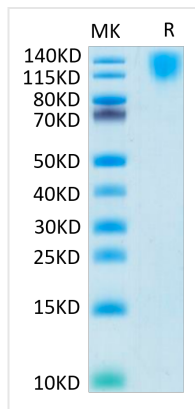
ELISA

Biotinylated Human CEACAM-5/CD66e Protein ELISA Data: Immobilized Anti-CEACAM-5 Antibody, hFc Tag at 0.5 µg/ml (100 µl/well) on the plate. Dose response curve for Biotinylated Human CEACAM-5, His Tag with the EC50 of 41.1 ng/ml determined by ELISA.



Application Data

Biotinylated Human CEACAM-5/CD66e Protein SEC-HPLC: The purity of Biotinylated Human CEACAM-5 is greater than 95% as determined by SEC-HPLC.



Tris-Bis-PAGE

Biotinylated Human CEACAM-5/CD66e Protein Tris-Bis PAGE Biotinylated Human CEACAM-5 on Tris-Bis PAGE under reduced condition. The purity is greater than 95%.

ADDITIONAL INFORMATION

Product Categories/Family for CEACAM-5/CD66e recombinant protein	Biotinylated proteins
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NCBI AND UNIPROT INFORMATION

UniProt Accession #	Q8N4D0
Molecular Weight	Recombinant Human CEACAM-5/CD66e is a protein consisting of amino acid residues [Lys35-Ala685]. The protein has a predicted MW of 74.2 kDa. Due to glycosylation, the protein migrates to 115-145 kDa based on Tris-Bis PAGE result.

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/ceacam-5/cd66e-recombinant-protein-hek293-cells/76167>