

EpCAM/TROP1 recombinant protein

Biotinylated Human EpCAM/TROP1 Protein Recombinant

CATALOG #	HOST
AAA76226	HEK293 cells (Note: Host protein expression may be lot-specific and can be subject to change during production, including bulk orders.)

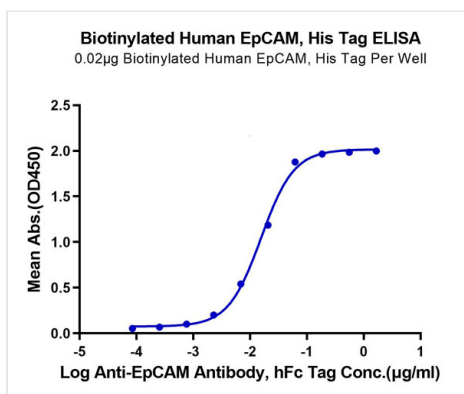
PRODUCT SYNONYMS

EpCAM/TROP1; Biotinylated Human EpCAM/TROP1 Protein Recombinant; EpCAM/TROP1 recombinant protein

PRODUCT SPECIFICATIONS

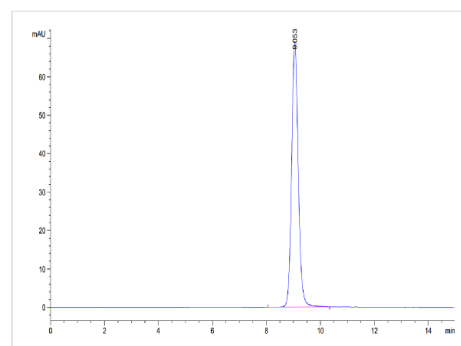
Host	HEK293 cells (Note: Host protein expression may be lot-specific and can be subject to change during production, including bulk orders.)
Purity/Purification	>95%, as determined by SDS-PAGE and HPLC
Form/Format	Recombinant Human EpCAM/TROP1 was lyophilized from 0.2 um filtered PBS solution pH7.4
Source	DNA sequence encoding Human EpCAM/TROP1 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



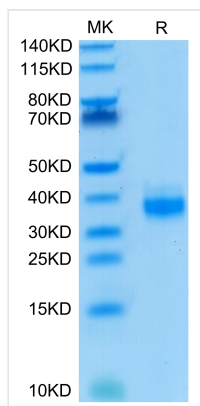
ELISA

Biotinylated Human EpCAM/TROP1 Protein ELISA Data: Immobilized Biotinylated Human EpCAM, His Tag at 0.2 µg/ml (100 µl/Well) on the plate. Dose response curve for Anti-EpCAM Antibody, hFc Tag with the EC₅₀ of 15.6 ng/ml determined by ELISA.



Application Data

Biotinylated Human EpCAM/TROP1 Protein SEC-HPLC: The purity of Biotinylated Human EpCAM is greater than 95% as determined by SEC-HPLC.



Tris-Bis-PAGE

Biotinylated Human EpCAM/TROP1 Protein Tris-Bis PAGE Biotinylated Human EpCAM on Tris-Bis PAGE under reduced condition. The purity is greater than 95%.

ADDITIONAL INFORMATION

Product Categories/Family for EpCAM/TROP1 recombinant protein	Biotinylated proteins
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NCBI AND UNIPROT INFORMATION

NCBI GI #	218505670
NCBI GeneID	4072
NCBI Accession #	NP_002345.2
NCBI GenBank Nucleotide #	NM_002354.2
UniProt Accession #	P16422; P18180; Q6FG26; Q6FG49; Q96C47; Q9UCD0
Molecular Weight	34,932 Da
NCBI Official Full Name	epithelial cell adhesion molecule
NCBI Official Synonym Full Names	epithelial cell adhesion molecule
NCBI Official Symbol	EPCAM
NCBI Official Synonym Symbols	ESA; KSA; M4S1; MK-1; DIAR5; EGP-2; EGP40; KS1/4; MIC18; TROP1; EGP314; HNPCC8; TACSTD1
NCBI Protein Information	epithelial cell adhesion molecule; epithelial glycoprotein 314; human epithelial glycoprotein-2; cell surface glycoprotein Trop-1; adenocarcinoma-associated antigen; tumor-associated calcium signal transducer 1; major gastrointestinal tumor-associated pro
UniProt Protein Name	Epithelial cell adhesion molecule
UniProt Gene Name	EPCAM
UniProt Synonym Gene Names	GA733-2; M1S2; M4S1; MIC18; TACSTD1; TROP1; Ep-CAM; EGP; EGP314; hEGP314
UniProt Entry Name	EPCAM_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/epcam-recombinant-protein-hek29376226>