

TROP-2/TACSTD2 recombinant protein

Biotinylated Human TROP-2/TACSTD2 Protein Recombinant

CATALOG #	HOST
AAA76273	HEK293 cells (Note: Host protein expression may be lot-specific and can be subject to change during production, including bulk orders.)

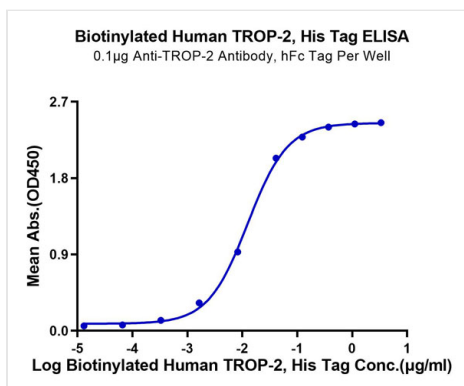
PRODUCT SYNONYMS

TROP-2/TACSTD2; Biotinylated Human TROP-2/TACSTD2 Protein Recombinant; TROP-2/TACSTD2 recombinant protein

PRODUCT SPECIFICATIONS

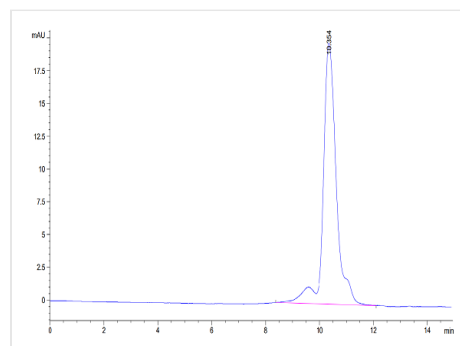
Host	HEK293 cells (Note: Host protein expression may be lot-specific and can be subject to change during production, including bulk orders.)
Purity/Purification	>95%, as determined by SDS-PAGE and HPLC
Form/Format	Recombinant Human TROP-2/TACSTD2 was lyophilized from 0.2 um filtered PBS solution pH7.4
Source	DNA sequence encoding Human TROP-2/TACSTD2 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	Tumor-antigen
Biological Process	Sensory-transduction
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



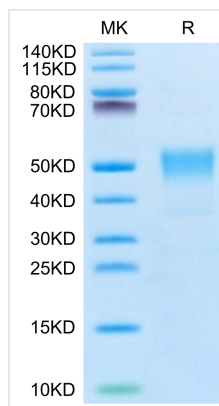
ELISA

Biotinylated Human TROP-2/TACSTD2 Protein ELISA Data: Immobilized Anti-TROP-2 Antibody, hFc Tag at 1?g/ml (100?l/well) on the plate. Dose response curve for Biotinylated Human TROP-2, His Tag with the EC50 of 12.6ng/ml determined by ELISA.



Application Data

Biotinylated Human TROP-2/TACSTD2 Protein SEC-HPLC: The purity of Biotinylated Human TROP-2 is greater than 95% as determined by SEC-HPLC.



Tris-Bis-PAGE

Biotinylated Human TROP-2/TACSTD2 Protein Tris-Bis PAGE Biotinylated Human TROP-2 on Tris-Bis PAGE under reduced condition. The purity is greater than 95%.

ADDITIONAL INFORMATION

Product Categories/Family for TROP-2/TACSTD2 recombinant protein

Biotinylated proteins

NCBI AND UNIPROT INFORMATION

NCBI GI #	166795236
NCBI GeneID	4070
NCBI Accession #	NP_002344.2
NCBI GenBank Nucleotide #	NM_002353.2
UniProt Accession #	P09758; Q15658; Q6FG48; Q7Z7Q4; Q96QD2
Molecular Weight	35,709 Da
NCBI Official Full Name	tumor-associated calcium signal transducer 2
NCBI Official Synonym Full Names	tumor-associated calcium signal transducer 2
NCBI Official Symbol	TACSTD2
NCBI Official Synonym Symbols	EGP1; GP50; M1S1; EGP-1; TROP2; GA7331; GA733-1
NCBI Protein Information	tumor-associated calcium signal transducer 2; epithelial glycoprotein-1; cell surface glycoprotein TROP2; cell surface glycoprotein Trop-2; pancreatic carcinoma marker protein GA7331; pancreatic carcinoma marker protein GA733-1; gastrointestinal tumor-ass
UniProt Protein Name	Tumor-associated calcium signal transducer 2
UniProt Gene Name	TACSTD2
UniProt Synonym Gene Names	GA733-1; M1S1; TROP2
UniProt Entry Name	TACD2_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/tacstd2-recombinant-protein-hek293-cells/76273>