

Tumor-Associated Calcium Signal Transducer 2 (TACSTD2) Active Protein | TACSTD2 active protein

Recombinant Human Tumor-Associated Calcium Signal Transducer 2 (TACSTD2), Partial (Active)

CATALOG #
AAA243733

HOST
Mammalian cell

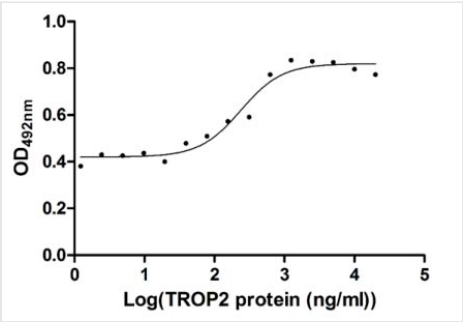
PRODUCT SYNONYMS

Tumor-Associated Calcium Signal Transducer 2 (TACSTD2); Recombinant Human Tumor-Associated Calcium Signal Transducer 2 (TACSTD2); Partial (Active); Cell surface glycoprotein Trop-2; Membrane component chromosome 1 surface marker 1; Pancreatic carcinoma marker protein GA733-1; GA733-1; M1S1; TROP2; TACSTD2 active protein

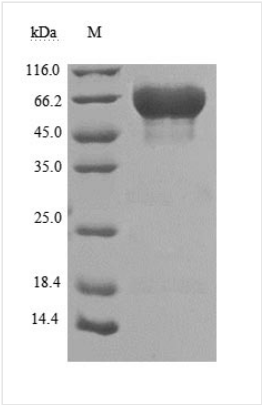
PRODUCT SPECIFICATIONS

Host	Mammalian cell
Purity/Purification	Greater or equal to 85% purity as determined by SDS-PAGE.
Form/Format	Lyophilized from a 0.2 um filtered PBS, 6% Trehalose, pH 7.4
Sequence Positions	27-274aa; Partial
Sequence	HTAAQDNCTC PTNKMTVCSP DGPGGRCQCR ALGSGMAVDC STLTSCKLLL KARMSAPKNA RTLVRPSEHA LVDNDGLYDP DCDPEGRFKA RQCNTSVCW CVNSVGVRRT DKGDLSLRCD ELVRTHILI DLRHRPTAGA FNHSDLDAEL RRLFRERYRL HPKFVAAPHY EQPTIQIELR QNTSQKAAGD VDIGDAAYYF ERDIKGESLF QGRGGLDLRV RGEPLQVERT LIYYLDEIPP KFSMKRLT
Sequence Length	323
Species	Human
Tag	C-terminal FC-tagged
Endotoxin	Less than 1.0 EU/ug as determined by LAL method.
Biological Activity	Measured in cell activity assay using U937 cells. The EC50 for this effect is 190.2-298.6 ng/ml.
Reconstitution	We recommend that this vial be briefly centrifuged prior to opening to bring the contents to the bottom. Please reconstitute protein in deionized sterile water to a concentration of 0.1-1.0 mg/mL. We recommend to add 5-50% of glycerol (final concentration) and aliquot for long-term storage at -20 degree C/-80 degree C. Our default final concentration of glycerol is 50%. Customers could use it as reference.
Preparation and Storage	Repeated freezing and thawing is not recommended. Store working aliquots at 4 degree C for up to one week.

IMAGES



Bioactivity



SDS-PAGE
Tris-Glycine gel) Discontinuous SDS-PAGE (reduced) with 5% enrichment gel and 15% separation gel.

ADDITIONAL INFORMATION

Product Categories/Family for TACSTD2 active protein	Cancer
--	--------

NCBI AND UNIPROT INFORMATION

NCBI GI #	166795236
NCBI Accession #	NP_002344.2
NCBI GenBank Nucleotide #	NP_002344.2
UniProt Accession #	P09758
Molecular Weight	56.8 kDa
NCBI Official Full Name	tumor-associated calcium signal transducer 2
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.