

Tumor-Associated Calcium Signal Transducer 2 Human Recombinant,

Item Number	rAP-4323
Synonyms	Tumor-Associated Calcium Signal Transducer 2, Membrane Component Chromosome 1 Surface Marker 1, Pancreatic Carcinoma Marker Protein GA733-1, Cell Surface Glycoprotein Trop-2, GA733-1, TROP2, M1S1,
Description	TACSTD2 Human Recombinant produced in Sf9 Baculovirus cells is a single, non-glycosylated polypeptide chain containing 253 amino acids (31-274a.a) and having a molecular mass of 28.6kDa (Molecular size on SDS-PAGE will appear at approximately 28-40kDa). TACSTD2 is fused to a 6 amino acid His-tag at C-
Uniprot Accession Number	P09758
Amino Acid Sequence	ADPQDNCTCP TNKMTVCSPD GPGGRCQCRA LGSGMAVDCS TLTSKCLLLK ARMSAPKNAR TLVRPSEHAL VDNDGLYDPD CDPEGRFKAR QCNQTSVCWC VNSVGVRRTD KGDLSLRCADE LVRTH- HILID LRHRPTAGAF NHSDLDAELR RLFREYRLH PKFVAAVHYE QPTIQIELRQ NTSQKAAGDV DIGDAAYYFE RDIKGESLFQ GRGGLDLRVR GEPLQVERTL IYYLDEIPPK FSMKRL- THHH HHH.
Source	Sf9, Baculovirus cells.
Physical Appearance and Stability	Sterile filtered colorless solution. Store at 4°C if entire vial will be used within 2-4 weeks. Store, frozen at -20°C for longer periods of time. For long term storage it is recommended to add a carrier protein (0.1% HSA or BSA). Avoid multiple freeze-thaw cycles.
Formulation and Purity	TACSTD2 protein solution (1mg/ml) contains Phosphate buffered saline (pH7.4) and 10% glycerol. Greater than 95.0% as determined by SDS-PAGE.
Application	
Solubility	
Biological Activity	
Shipping Format and Condition	Lyophilized powder at room temperature.

Optimal dilutions should be determined by each laboratory for each application. The listed dilutions are for recommendation only and the final conditions should be optimized by the ender users! This product is sold for **Research Use Only**