

## Tumor-Associated Calcium Signal Transducer 2 Human Recombinant

<b>Item Number</b>	rAP-3989
<b>Synonyms</b>	EGP-1, EGP1, GA733-1, GA7331, GP50, M1S1, TROP2, Cell surface glycoprotein Trop-2, Membrane component chromosome 1 surface marker 1, Pancreatic carcinoma marker protein GA733-1.
<b>Description</b>	TACSTD2 Human Recombinant produced in E.Coli is a single, non-glycosylated polypeptide chain containing 267 amino acids (31-274a.a.) and having a molecular mass of 29.9kDa. TACSTD2 is fused to a 23 amino acid His-tag at N-terminus & purified by proprietary chromatographic techniques.
<b>Uniprot Accession Number</b>	P09758
<b>Amino Acid Sequence</b>	MGSSHHHHHH SSGLVPRGSH MGSQDNCTCP TNKMTVCSPD GPGGRCQCRA LGSGMAVDCS TLTS-KCLLLK ARMSAPKNAR TLVRPSEHAL VDNDGLYDPD CDPEGRFKAR QCNQTSVCWC VNSVGVRRTD KGDLSLRCDL LVRTHHILID LRHRPTAGAF NHSDLDAELR RLFRRERYRLH PKFVAAVHYE QPTIQIELRQ NTSQKAAGDV DIGDAAYYFE RDIKGESLFQ GRGGLDLRVR GEPLQVERTL IYYLDEIPPK FSMKRLT.
<b>Source</b>	E.coli.
<b>Physical Appearance and Stability</b>	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.
<b>Formulation and Purity</b>	TACSTD2 protein solution (1mg/ml) contains 20mM Tris-HCl buffer (pH 8.0), 0.4M urea and 10% glycerol. Greater than 90% as determined by SDS-PAGE.
<b>Application</b>	
<b>Solubility</b>	
<b>Biological Activity</b>	
<b>Shipping Format and Condition</b>	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**