

Tumor-Associated Calcium Signal Transducer 2 Human Recombinant

Item Number	rAP-3989
Synonyms	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.
Description	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.
Uniprot Accesion Number	P09758
Amino Acid Sequence	MGSSHHHHHH SSGLVPRGSH MGSQDNCTCP TNKMTVCSPD GPGGRCQCRA LGSGMAVDCS TLTS-KCLLK ARMSAPKNAR TLVRPSEHAL VDNDGLYDPD CDPEGRFKAR QCNQTSVCWC VNSVGVRRTD KGDLSLRCDE LVRTHHILID LRHRPTAGAF NHSDLDAELR RLFRERYRLH PKFVAAVHYE QPTIQIELRQ NTSQKAAGDV DIGDAAYYFE RDIKGESLFQ GRGGQLDLRVR GEPLQVERTL IYYLDEIPPK FSMKRLT.
Source	E.coli.
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 20mM Tris-HCl buffer (pH 8.0), 0.4M urea and 10% glycerol. Greater than 90% 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 end users! This product is sold for **Research Use Only**