

## 32-5026: Recombinant Human Tumor-Associated Calcium Signal Transducer 2

**Alternative Name :** 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

Source : E.coli. 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. Tumor-associated calcium signal transducer 2 (TACSTD2), is a member of to the EPCAM family. TACSTD2 is an intronless gene which encodes a carcinoma-associated antigen. TACSTD2 may act as a growth factor receptor and as a cell surface receptor that transduces calcium signals. Mutations of TACSTD2 have been associated with gelatinous drop-like corneal dystrophy.

### Product Info

**Amount :** 25 µg  
**Purification :** Greater than 90% as determined by SDS-PAGE.  
**Content :** TACSTD2 protein solution (1mg/ml) contains 20mM Tris-HCl buffer (pH 8.0), 0.4M urea and 10% glycerol.  
**Storage condition :** 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.  
**Amino Acid :** MGSSHHHHH SGLVPRGSH MGSQDNCTCP TNKMTVCSPD GPGGRCQCRA LGSGMAVDCS  
TLTSKCLLLK ARMSAPKNAR TLVRPSEHAL VDNDGLYDPD CDPEGRFKAR QCNQTSVCWC  
VNSVGVRRTD KGDLSLRCDE LVRTHHILID LRHRPTAGAF NHSDLDAELR RLFREYRLH  
PKFVAAVHYE QPTIQIELRQ NTSQKAAGDV DIGDAAYFE RDIKGESLFQ GRGGLDLRVR  
GEPLQVERTL IYYLDEIPPK FSMKRLT.

