

## Recombinant Human TACSTD2, His-tagged

**Cat. No.** TACSTD2-7217H    **Lot. No.** (See product label)

### SPECIFICATION

<b>Product Overview</b>	Recombinant human TACSTD2 protein, fused to His-tag at N-terminus, was expressed in E.coli.
<b>Species</b>	Human
<b>Source</b>	E.coli
<b>description</b>	Tumor-associated calcium signal transducer 2, also known as TACSTD2, belongs to the EPCAM family. It may function as a growth factor receptor.
<b>source</b>	E. coli
<b>species</b>	Human
<b>tag</b>	His
<b>form</b>	Liquid. In 20mM Tris-HCl buffer (pH 8.0) containing 0.4M urea, 10% glycerol
<b>molecular mass</b>	29.9 kDa (267aa)
<b>aa sequence</b>	MGSSHHHHHH SGLVPRGSH MGSQDNCTCP TNKMTVCSPD GPGGRCQCRA LGSGMAVDCS TLTSKCLLLK ARMSAPKNAR TLVRPSEHAL VDNDGLYDPD CDPEGRFKAR QCNQTSVCWC VNSVGVRRTD KGDLSLRCADE LVRTHHILID LRHRPTAGAF NHSDLDAELR RLFRRERYRLH PKFVAAVHYE QPTIQIELRQ NTSQKAAGDV DIGDAAYYFE RDIKGESLFQ GRGGLDLRVR GEPLQVERTL

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	IYYLDEIPPK FSMKRLT
<b>purity</b>	>90% by SDS - PAGE
<b>applications</b>	SDS-PAGE
<b>storage</b>	Can be stored at 4°C short term (1-2 weeks). For long term storage, aliquot and store at -20°C or -70°C. Avoid repeated freezing and thawing cycles.
<b>concentration</b>	1 mg/ml

## GENE INFORMATION

<b>gene name</b>	TACSTD2 tumor-associated calcium signal transducer 2 [ Homo sapiens ]
<b>official symbol</b>	TACSTD2
<b>synonyms</b>	TACSTD2; tumor-associated calcium signal transducer 2; M1S1; EGP 1; GA733 1; TROP2; epithelial glycoprotein-1; cell surface glycoprotein TROP2; cell surface glycoprotein Trop-2; pancreatic carcinoma marker protein GA7331; pancreatic carcinoma marker protein GA733-1; gastrointestinal tumor-associated antigen GA7331; membrane component chromosome 1 surface marker 1; membrane component, chromosome 1, surface marker 1; 40kD glycoprotein, identified by monoclonal GA733; EGP1; GP50; EGP-1; GA7331; GA733-1;
<b>Gene ID</b>	4070
<b>mrna refseq</b>	NM_002353
<b>protein refseq</b>	NP_002344

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<b>mim</b>	137290
<b>uniprot id</b>	P09758
<b>chromosome location</b>	1p32
<b>function</b>	receptor activity;

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