

Recombinant Human TACSTD2 protein, T7/His-tagged

Cat. No. TACSTD2-81H **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Recombinant human TACSTD2 cDNA (27 – 274 aa, derived from BC009409) fused with T7-His-TEV cleavage site Tag (29aa) at N-terminal was expressed in E. coli.
Species	Human
Source	E.coli
ProteinLength	27-274 a.a.
Form	0.25 mg/ml, sterile-filtered, in 20 mM pH 8.0 Tris-HCl Buffer, with proprietary formulation of NaCl, KCl, EDTA, arginine, DTT and Glycerol.
AA Sequence	MASMTGGQQMGRGHHHHHHENLYFQGGEFHTAAQDNCTCPTNKMTVCSPDGGP GRCQCRALGSGMAVDCSTLTSK CLLLKARMSAPKNARTLVRPSEHALVDNDGLYD PDCDPEGRFKARQCNQTSVCWCVNSVGVRRTDKGDLSLRCDL LVRTHHILIDLRH RPTAGAFNHSDLDLDAELRRLFRERYRLHPKFVAAVHYEQPTIQIELRQNTSQKAAGDV DIGDA AYYFERDIKGESLFQGRGGLDLVRGEPLQVERTLIYYLDEIPPKFSMKRLT
Purity	>90% by SDS-PAGE
Applications	1. May be used for in vitro TACSTD2 protein mediated calcium related signal pathway for cancer cell growth regulation study with this protein as either coating matrix protein or soluble factor.2. May be used as TACSTD2 protein-protein interaction assay.3. As enzymatic substrate for various proteases.4. As antigen for specific antibody production.

 Tel: 1-631-559-9269 1-516-512-3133

 Email: info@creative-biomart.com  Fax: 1-631-938-8127

 45-1 Ramsey Road, Shirley, NY 11967, USA

Storage

Keep at -80centigrade for long term storage. Product is stable at 4 centigrade for at least 30 days.

GENE INFORMATION
Gene Name

TACSTD2 tumor-associated calcium signal transducer 2 [Homo sapiens]

Official Symbol

TACSTD2

Synonyms

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 prote

Gene ID

4070

mRNA Refseq

NM_002353

Protein Refseq

NP_002344

MIM

137290

UniProt ID

P09758

**Chromosome
Location**

1p32

Function

receptor activity;

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