

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	MASMTGGQQMGRGRGHHHHHENLYFQGGEFHTAAQDNCTCPTNKMTVCSPDGGP GRCQCRALGSGMAVDCSTLTSK CLLLKARMSAPKNARTLVRPSEHALVDNDGLYD PDCDPEGRFKARQC�QTSVCWCVN SVGVRRRTDKGDSLRCDE LVRTHHILIDLRH RPTAGAFNHSDLDAELRRLFRERYRLHPKFVAAVHYEQPTIQIELRQNTSQAAGDV DIGDA AYYFERDIKGESLFQGRGGLDLRVRGEPLQVERTLIYYLDEIPPKFSMKRLT
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.

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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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