

## Product datasheet for TP302519L

### TACD2 (TACSTD2) (NM\_002353) Human Recombinant Protein

#### Product data:

Product Type:	Recombinant Proteins
Description:	Recombinant protein of human tumor-associated calcium signal transducer 2 (TACSTD2), 1 mg
Species:	Human
Expression Host:	HEK293T
Expression cDNA Clone or AA Sequence:	>RC202519 protein sequence <b>Red</b> =Cloning site <b>Green</b> =Tags(s)

MARGPGLAPPPLRLPLLLLVLAAVTGHTAAQDNCTCPTNKMTVCSPDGPGRQCRCRALGSGMAVDCSTLT  
SKCLLLKARMSAPKNARTLVRPSEHALVDNDGLYDPDCDPEGRFKARQCNQTSVCWCVNSVGVRRDVKGD  
LSLRCELVTRTHHILIDLRHRPTAGAFNHSDLDAELRRLFRERYRLHPKFVAAVHVEQPTIQIELRQNTS  
QKAAGDVIDGDAAYYFERDIKESLFGQGRGGLDLRVRGEPLQVERTLIYYLDEIPPKFSMKRLTAGLIAV  
IVVVVALVAGMAVLVITNRRKSGKYKKEIKELGELRKEPSL

**TRTRPLEQKLISEEDLAANDILDYKDDDDKV**

Tag:	C-Myc/DDK
Predicted MW:	35.5 kDa
Concentration:	>0.05 µg/µL as determined by microplate BCA method
Purity:	> 80% as determined by SDS-PAGE and Coomassie blue staining
Buffer:	25 mM Tris-HCl, 100 mM glycine, pH 7.3, 10% glycerol
Preparation:	Recombinant protein was captured through anti-DDK affinity column followed by conventional chromatography steps.
Note:	For testing in cell culture applications, please filter before use. Note that you may experience some loss of protein during the filtration process.
Storage:	Store at -80°C.
Stability:	Stable for 12 months from the date of receipt of the product under proper storage and handling conditions. Avoid repeated freeze-thaw cycles.
RefSeq:	<u><a href="#">NP_002344</a></u>
Locus ID:	4070



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UniProt ID:	<a href="#">P09758</a>
RefSeq Size:	2080
Cytogenetics:	1p32.1
RefSeq ORF:	969
Synonyms:	EGP-1; EGP1; GA733-1; GA7331; GP50; M1S1; TROP2
Summary:	This intronless gene encodes a carcinoma-associated antigen. This antigen is a cell surface receptor that transduces calcium signals. Mutations of this gene have been associated with gelatinous drop-like corneal dystrophy.[provided by RefSeq, Dec 2009]
Protein Families:	Druggable Genome, Transmembrane

### Product images:



Coomassie blue staining of purified TACSTD2 protein (Cat# [TP302519]). The protein was produced from HEK293T cells transfected with TACSTD2 cDNA clone (Cat# [RC202519]) using MegaTran 2.0 (Cat# [TT210002]).