

## Product datasheet for PH302519

### TACD2 (TACSTD2) (NM\_002353) Human Mass Spec Standard

#### Product data:

Product Type:	Mass Spec Standards
Description:	TACSTD2 MS Standard C13 and N15-labeled recombinant protein (NP_002344)
Species:	Human
Expression Host:	HEK293
Expression cDNA Clone or AA Sequence:	RC202519
Predicted MW:	35.7 kDa
Protein Sequence:	>RC202519 protein sequence Red=Cloning site Green=Tags(s)  MARGPGLAPPPLRLPLLLLVLAAVTGHTAAQDNCTCPTNKMTVCSPDGGRCQCRALGSGMAVDCSTLT SKCLLLKARMSAPKNARTLVRPSEHALVDNDGLYDPDCDPEGRFKARQCNTSVCWCVNSVGVRRTDKGD LSLRCDLVRTHHILIDLRHRPTAGAFNHSDLDAELRRLFRERYRLHPKFVAHVHYEQPTIQIELRQNTS QKAAGDVIDGDAAYYFERDIKGESLFQGRGGLDLRVRGEPLQVERTLIYYLDEIPPKFSMKRLTAGLIAV IVVVVALVAGMAVLVITNRRKSGKYKKVEIKELGELRKEPSL  TRTRPLEQKLI SEEDLAANDILDYKDDDDKV
Tag:	C-Myc/DDK
Purity:	> 80% as determined by SDS-PAGE and Coomassie blue staining
Concentration:	>0.05 µg/µL as determined by microplate BCA method
Labeling Method:	Labeled with [U- <sup>13</sup> C <sub>6</sub> , <sup>15</sup> N <sub>4</sub> ]-L-Arginine and [U- <sup>13</sup> C <sub>6</sub> , <sup>15</sup> N <sub>2</sub> ]-L-Lysine
Buffer:	25 mM Tris-HCl, 100 mM glycine, pH 7.3
Storage:	Store at -80°C. Avoid repeated freeze-thaw cycles.
Stability:	Stable for 3 months from receipt of products under proper storage and handling conditions.
RefSeq:	<a href="#">NP_002344</a>
RefSeq Size:	2080
RefSeq ORF:	969
Synonyms:	EGP-1; EGP1; GA733-1; GA7331; GP50; M1S1; TROP2
Locus ID:	4070



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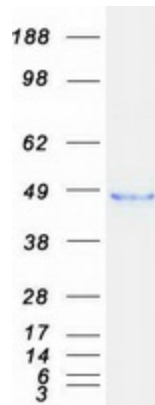
UniProt ID: [P09758](#)

Cytogenetics: 1p32.1

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]).