

Product datasheet for PH301816

TPD52L1 (NM_001003396) Human Mass Spec Standard

Product data:

Product Type:	Mass Spec Standards
Description:	TPD52L1 MS Standard C13 and N15-labeled recombinant protein (NP_001003396)
Species:	Human
Expression Host:	HEK293
Expression cDNA Clone or AA Sequence:	RC201816
Predicted MW:	16.2 kDa
Protein Sequence:	>RC201816 protein sequence Red=Cloning site Green=Tags(s) MEAAQAGLLETEPLQGTDEDAVASADFSMLSEEEKEELKAELVQLEDEITTLRQVLSAKERHLVEIKQK LGMNLMNELKQNFKSWHDMQTTTAYKKTHE TL SHAGQKATAAF SNVGTAI SKKFGDMSYSIRHSISMPA MRRK SGPTRTRPLEQKLI 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- ¹³ C ₆ , ¹⁵ N ₄]-L-Arginine and [U- ¹³ C ₆ , ¹⁵ N ₂]-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:	NP_001003396
RefSeq Size:	1327
RefSeq ORF:	432
Synonyms:	D53; TPD53
Locus ID:	7164
UniProt ID:	Q16890 , Q15730

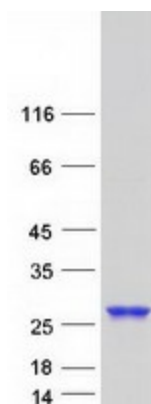


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Cytogenetics: 6q22.31

Summary: This gene encodes a member of a family of proteins that contain coiled-coil domains and may form hetero- or homomers. The encoded protein is involved in cell proliferation and calcium signaling. It also interacts with the mitogen-activated protein kinase kinase kinase 5 (MAP3K5/ASK1) and positively regulates MAP3K5-induced apoptosis. Multiple alternatively spliced transcript variants have been observed. [provided by RefSeq, Jan 2016]

Product images:



Coomassie blue staining of purified TPD52L1 protein (Cat# [TP301816]). The protein was produced from HEK293T cells transfected with TPD52L1 cDNA clone (Cat# [RC201816]) using MegaTran 2.0 (Cat# [TT210002]).