

Product datasheet for PH302014

TSPAN6 (NM_003270) Human Mass Spec Standard

Product data:

Product Type:	Mass Spec Standards
Description:	TSPAN6 MS Standard C13 and N15-labeled recombinant protein (NP_003261)
Species:	Human
Expression Host:	HEK293
Expression cDNA Clone or AA Sequence:	RC202014
Predicted MW:	27.6 kDa
Protein Sequence:	>RC202014 protein sequence Red=Cloning site Green=Tags(s) MASPSRRLQTKPVITCFKSVLLIYTFIFWITGVILLAVGIWGKVSLENYFSLNNEKATNVPFVLIATGTV IILLGTFGCFATCRASAWMLKLYAMFLTLVFLVELVAAIVGFVFRHEIKNSFKNNYEKALKQYNSTGDYR SHAVDKIQNTLHCCGVTDYRDWTDNYYSEKGFPKSCCKLEDCTPQRDADKVNNEGCFIKVMTIIIESEMG VVAGISFGVACFQLIGIFLAYCLSRAITNNQYEIV 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- 13C6, 15N4]-L-Arginine and [U- 13C6, 15N2]-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_003261
RefSeq Size:	3833
RefSeq ORF:	735
Synonyms:	T245; TM4SF6; TSPAN-6
Locus ID:	7105
UniProt ID:	O43657



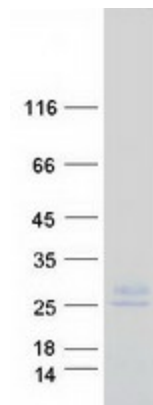
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Cytogenetics: Xq22.1

Summary: The protein encoded by this gene is a member of the transmembrane 4 superfamily, also known as the tetraspanin family. Most of these members are cell-surface proteins that are characterized by the presence of four hydrophobic domains. The proteins mediate signal transduction events that play a role in the regulation of cell development, activation, growth and motility. The protein encoded by this gene is a cell surface glycoprotein and is highly similar in sequence to the transmembrane 4 superfamily member 2 protein. It functions as a negative regulator of retinoic acid-inducible gene I-like receptor-mediated immune signaling via its interaction with the mitochondrial antiviral signaling-centered signalosome. This gene uses alternative polyadenylation sites, and multiple transcript variants result from alternative splicing. [provided by RefSeq, Jul 2013]

Protein Families: Transmembrane

Product images:



Coomassie blue staining of purified TSPAN6 protein (Cat# [TP302014]). The protein was produced from HEK293T cells transfected with TSPAN6 cDNA clone (Cat# [RC202014]) using MegaTran 2.0 (Cat# [TT210002]).