

## Product datasheet for TP302014

### TSPAN6 (NM\_003270) Human Recombinant Protein

#### Product data:

Product Type:	Recombinant Proteins
Description:	Recombinant protein of human tetraspanin 6 (TSPAN6), 20 µg
Species:	Human
Expression Host:	HEK293T
Expression cDNA Clone or AA Sequence:	>RC202014 protein sequence <span style="color: red;">Red</span> =Cloning site <span style="color: green;">Green</span> =Tags(s)  MASPSRRLQTKPVITCFKSVLLIYTFIFWITGVILLAVGIWGVSLNYSLLNEKATNVPFVLIATGTV IILLGTGCFATCRASAWMLKLYAMFLTLVFLVELVAAIVGVFRHEIKNSFKNNYEKALKQYNSTGDYR SHAVDKIQNTLHCCGVTDYRDWTDNYYSEKGFPSCKLEDCTPQRDADKVNNEGCFIKVMTIIESEMG VVAGISFGVACFQLIGIFLAYCLSRAITNNQYEIV  <span style="color: red;">TR</span> <span style="color: green;">TRPLEQKLISEEDLAANDILDYKDDDDKV</span>
Tag:	C-Myc/DDK
Predicted MW:	27.4 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_003261</a></u>
Locus ID:	7105
UniProt ID:	<u><a href="#">O43657</a></u>


[View online »](#)

RefSeq Size: 3833

Cytogenetics: Xq22.1

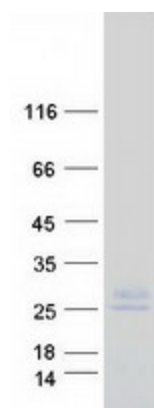
RefSeq ORF: 735

Synonyms: T245; TM4SF6; TSPAN-6

**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]).