

## Product datasheet for TP303323

### TGN46 (TGOLN2) (NM\_006464) Human Recombinant Protein

#### Product data:

Product Type:	Recombinant Proteins
Description:	Recombinant protein of human trans-golgi network protein 2 (TGOLN2), 20 µg
Species:	Human
Expression Host:	HEK293T
Expression cDNA Clone or AA Sequence:	>RC203323 protein sequence Red=Cloning site Green=Tags(s)
	MRFVVALVLLNVAAGAVPLLATESVKQEDAGVRPSAGNVSTHPSLSQRPGGSTKSHPEPQTPKDSPSKS SAEAQTPEDTPNKSGAEAKTQKSSNKSGAEAKTQKGGSTKSGSEAQTTKDSTSKSHPQLTPKDSTGKS GAEQTPEDSPNRSGAEAKTQKDSKSGSEAQTTKDVPNKSGADGQTPKDGSSKSGAEDQTPKDVPNK GAEQTPKDGSKSGAEQGPIDGPSKSGAEQTSKDSPNKVVPEQPSRKDHSKIPSNPSDNKELPKADT NQLADK GKLS PHAFKTESGEETDLISPPQEEVKSSSEPTEDVEPKAEEDDGTGPEEGSPPKEEKEKMSGSA SSENREGT LSDSTGSEKDDLYPNGSGNGSAESSHFFAYLVTAAILVAVLYIAHHNKRKIIAFVLEGKRSK VTRRPKASDYQRLDQKS
	TRTRPLEQKLISEEDLAANDILDYKDDDDKV
Tag:	C-Myc/DDK
Predicted MW:	45.7 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:	<a href="#">NP_006455</a>



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Locus ID: 10618

UniProt ID: [O43493](#)

RefSeq Size: 6373

Cytogenetics: 2p11.2

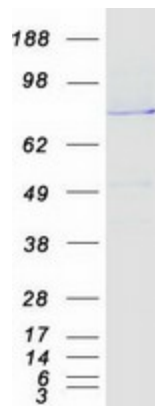
RefSeq ORF: 1311

Synonyms: hTGN46; hTGN48; hTGN51; TGN38; TGN46; TGN48; TGN51; TTGN2

**Summary:** This gene encodes a type I integral membrane protein that is localized to the trans-Golgi network, a major sorting station for secretory and membrane proteins. The encoded protein cycles between early endosomes and the trans-Golgi network, and may play a role in exocytic vesicle formation. Alternatively spliced transcript variants encoding multiple isoforms have been observed for this gene. [provided by RefSeq, Oct 2011]

**Protein Families:** Transmembrane

### Product images:



Coomassie blue staining of purified TGOLN2 protein (Cat# TP303323). The protein was produced from HEK293T cells transfected with TGOLN2 cDNA clone (Cat# [RC203323]) using MegaTran 2.0 (Cat# [TT210002]).