

## Product datasheet for TP301060

### TMEM70 (NM\_017866) Human Recombinant Protein

#### Product data:

Product Type:	Recombinant Proteins
Description:	Recombinant protein of human transmembrane protein 70 (TMEM70), transcript variant 1, 20 µg
Species:	Human
Expression Host:	HEK293T
Expression cDNA Clone or AA Sequence:	>RC201060 protein sequence <b>Red</b> =Cloning site <b>Green</b> =Tags(s)
	 MLFLALGSPWAVELPLCGRRALCAAAALRGPRASVSRASSSSGSPGPVAGWSTGPSGAARLLRRPGRAQ IPVYWEGYVRF LNTPSDKSEDGRLIYTGNMARAVFGVKCF SYSTSLIGLTF LPIYFTQNN AISESVPLPI QIIFYGIMGSFTVITPVLLHFITKGYVIRLYHEATTDTYKAITYNAMLAETSTVFHQNDVKIPDAKHVFT TFYAKTKSLLVNPVLPFNREDYIHLMGYDKEEFILYMEETSEEKRHKDDK  <b>TRTRPLEQKLISEEDLAANDILDYKDDDDKV</b>
Tag:	C-Myc/DDK
Predicted MW:	28.8 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_060336</a></u>
Locus ID:	54968



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UniProt ID: [Q9BUB7](#)

RefSeq Size: 2096

Cytogenetics: 8q21.11

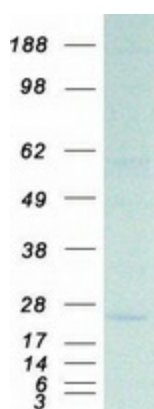
RefSeq ORF: 780

Synonyms: MC5DN2

**Summary:** This gene likely encodes a mitochondrial membrane protein. The encoded protein may play a role in biogenesis of mitochondrial ATP synthase. Mutations in this gene have been associated with neonatal mitochondrial encephalocardiomyopathy due to ATP synthase deficiency. Alternatively spliced transcript variants have been described. [provided by RefSeq, Feb 2010]

**Protein Families:** Transmembrane

### Product images:



Coomassie blue staining of purified TMEM70 protein (Cat# TP301060). The protein was produced from HEK293T cells transfected with TMEM70 cDNA clone (Cat# [RC201060]) using MegaTran 2.0 (Cat# [TT210002]).