

## Product datasheet for **TP316500L**

### **PMP22 (NM\_000304) Human Recombinant Protein**

#### **Product data:**

Product Type:	Recombinant Proteins
Description:	Recombinant protein of human peripheral myelin protein 22 (PMP22), transcript variant 1, 1 mg
Species:	Human
Expression Host:	HEK293T
Expression cDNA Clone or AA Sequence:	>RC216500 protein sequence <b>Red</b> =Cloning site <b>Green</b> =Tags(s)
	 MLLLLLSIIVLHVAVLVLLFVSTIVSQWIVGNHATDLWQNCSTSSSGNVVHHCFS SSPNEWLQSVQATMI LSIIFSILSLFFCQLFTLTGGGRFYITGIFQILAGLCVMSAAAITYVRHPEWHLNSDYSYGFAYILAW VAFPLALLSGVIYVILRKRE  <b>TRTRPLEQKLISEEDLAANDILDYKDDDDKV</b>
Tag:	C-Myc/DDK
Predicted MW:	17.7 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_000295</a>
Locus ID:	5376
UniProt ID:	<a href="#">Q01453</a> , <a href="#">Q6FH25</a>



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RefSeq Size: 1861

Cytogenetics: 17p12

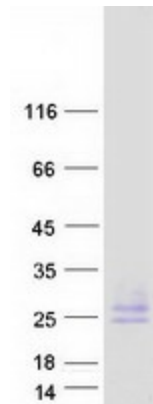
RefSeq ORF: 480

Synonyms: CIDP; CMT1A; CMT1E; DSS; GAS-3; GAS3; HMSNIA; HNPP; Sp110

**Summary:** This gene encodes an integral membrane protein that is a major component of myelin in the peripheral nervous system. Studies suggest two alternately used promoters drive tissue-specific expression. Various mutations of this gene are causes of Charcot-Marie-Tooth disease Type IA, Dejerine-Sottas syndrome, and hereditary neuropathy with liability to pressure palsies. Alternative splicing results in multiple transcript variants. [provided by RefSeq, Jul 2013]

**Protein Families:** Transmembrane

### Product images:



Coomassie blue staining of purified PMP22 protein (Cat# [TP316500]). The protein was produced from HEK293T cells transfected with PMP22 cDNA clone (Cat# [RC216500]) using MegaTran 2.0 (Cat# [TT210002]).