

## Product datasheet for **TP316500M**

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

#### **Product data:**

<b>Product Type:</b>	Recombinant Proteins
<b>Description:</b>	Recombinant protein of human peripheral myelin protein 22 (PMP22), transcript variant 1, 100 µg
<b>Species:</b>	Human
<b>Expression Host:</b>	HEK293T
<b>Expression cDNA Clone or AA Sequence:</b>	>RC216500 protein sequence <b>Red</b> =Cloning site <b>Green</b> =Tags(s)

MLLLLLSIIVLHVAVLVLLFVSTIVSQWIVGNHATDLWQNCSTSSSGNVVHHCFS SSPNEWLQSVQATMI  
LSIIFSILSLFFCQLFTLTGGGRFYITGIFQILAGLCVMSAAAITYVRHPEWHLNSDYSYGFAYILAW  
VAFPLALLSGVIYVILRKRE

**TRTRPLEQKLISEEDLAANDILDYKDDDDKV**

<b>Tag:</b>	C-Myc/DDK
<b>Predicted MW:</b>	17.7 kDa
<b>Concentration:</b>	>0.05 µg/µL as determined by microplate BCA method
<b>Purity:</b>	> 80% as determined by SDS-PAGE and Coomassie blue staining
<b>Buffer:</b>	25 mM Tris-HCl, 100 mM glycine, pH 7.3, 10% glycerol
<b>Preparation:</b>	Recombinant protein was captured through anti-DDK affinity column followed by conventional chromatography steps.
<b>Note:</b>	For testing in cell culture applications, please filter before use. Note that you may experience some loss of protein during the filtration process.
<b>Storage:</b>	Store at -80°C.
<b>Stability:</b>	Stable for 12 months from the date of receipt of the product under proper storage and handling conditions. Avoid repeated freeze-thaw cycles.
<b>RefSeq:</b>	<u><a href="#">NP_000295</a></u>
<b>Locus ID:</b>	5376
<b>UniProt ID:</b>	<u><a href="#">Q01453</a></u> , <u><a href="#">Q6FH25</a></u>



[View online »](#)

RefSeq Size: 1861

Cytogenetics: 17p12

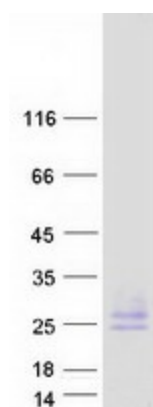
RefSeq ORF: 480

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]).