

## Product datasheet for PH306053

### PMP2 (NM\_002677) Human Mass Spec Standard

#### Product data:

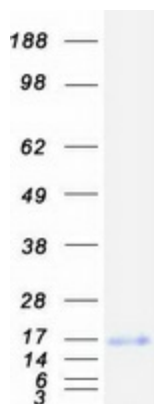
Product Type:	Mass Spec Standards
Description:	PMP2 MS Standard C13 and N15-labeled recombinant protein (NP_002668)
Species:	Human
Expression Host:	HEK293
Expression cDNA Clone or AA Sequence:	RC206053
Predicted MW:	14.9 kDa
Protein Sequence:	>RC206053 protein sequence Red=Cloning site Green=Tags(s)  MSNKFLGTWKLVSSENFDDYMKALGVGLATRKLGNLAKPTVIISKGGDIITIRTESTFKNTEISFKLGQE FEETTADNRKTKSIVTLQRGSLNQVQRWDGKETTIRKRLVNGKMVAECKMKGVVCTRIYEKV  TRTRPLEQKLISEEDLAANDILDYKDDDDKV
Tag:	C-Myc/DDK
Purity:	> 80% as determined by SDS-PAGE and Coomassie blue staining
Concentration:	>0.05 µg/µL as determined by microplate BCA method
Labeling Method:	Labeled with [U- 13C6, 15N4]-L-Arginine and [U- 13C6, 15N2]-L-Lysine
Buffer:	25 mM Tris-HCl, 100 mM glycine, pH 7.3
Storage:	Store at -80°C. Avoid repeated freeze-thaw cycles.
Stability:	Stable for 3 months from receipt of products under proper storage and handling conditions.
RefSeq:	<a href="#">NP_002668</a>
RefSeq Size:	3579
RefSeq ORF:	396
Synonyms:	CMT1G; FABP8; M-FABP; MP2; P2
Locus ID:	5375
UniProt ID:	<a href="#">P02689</a>
Cytogenetics:	8q21.13



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**Summary:**

The protein encoded by this gene localizes to myelin sheaths of the peripheral nervous system. The encoded protein can bind both the membrane layers of the sheaths and monomeric lipids, and is thought to provide stability to the sheath. A defect in this gene was shown to be a cause of dominant demyelinating CMT neuropathy. [provided by RefSeq, Jan 2017]

**Product images:**

Coomassie blue staining of purified PMP2 protein (Cat# [TP306053]). The protein was produced from HEK293T cells transfected with PMP2 cDNA clone (Cat# [RC206053]) using MegaTran 2.0 (Cat# [TT210002]).