

Product datasheet for PH316500

PMP22 (NM_000304) Human Mass Spec Standard

Product data:

Product Type:	Mass Spec Standards
Description:	PMP22 MS Standard C13 and N15-labeled recombinant protein (NP_000295)
Species:	Human
Expression Host:	HEK293
Expression cDNA Clone or AA Sequence:	RC216500
Predicted MW:	17.9 kDa
Protein Sequence:	>RC216500 protein sequence Red=Cloning site Green=Tags(s) MLLLLLSIIVLHVAVLVLLFVSTIVSQWIVGNHATDLWQNCSTSSSGNVHHCFS SSPNEWLQSVQATMI LSIIFSILSLFLFFCQLFTLTKGGRFYITGIFQILAGLCVMSAAAITYVRHPEWHLNSDYSYGFAYILAW VAFPLALLSGVIYVILRKRE 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:	NP_000295
RefSeq Size:	1861
RefSeq ORF:	480
Synonyms:	CIDP; CMT1A; CMT1E; DSS; GAS-3; GAS3; HMSNIA; HNPP; Sp110
Locus ID:	5376
UniProt ID:	Q01453 , Q6FH25



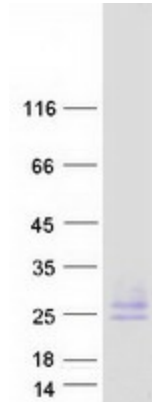
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Cytogenetics: 17p12

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]).