

Recombinant Human PMP2 Protein, Myc/DDK-tagged, C13 and N15-labeled

Cat. No. PMP2-3058H **Lot. No.** (See product label)

SPECIFICATION

Product Overview	PMP2 MS Standard C13 and N15-labeled recombinant protein (NP_002668) with a C-terminal MYC/DDK tag, was expressed in HEK293 cells.
Species	Human
Source	HEK293
Description	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.
Molecular Mass	14.9 kDa
AA Sequence	MSNKFLGTWKLVSSENFDDYMKALGVGLATRKLGNLAKPTVIISKKGDIITIRTESTFK NTEISFKLGQEFEEETTADNRKTKSIVTLQRGSLNQVQRWDGKETTIRKRLVNGKMVA ECKMKGVVCTRIYEKVTRTRPLEQKLISEEDLAANDILDYKDDDDKV
Purity	> 80% as determined by SDS-PAGE and Coomassie blue staining
Stability	Stable for 3 months from receipt of products under proper storage and handling conditions.

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Storage	Store at -80 centigrade. Avoid repeated freeze-thaw cycles.
Concentration	50 µg/mL as determined by BCA
Storage Buffer	100 mM glycine, 25 mM Tris-HCl, pH 7.3.

GENE INFORMATION

Gene Name	PMP2 peripheral myelin protein 2 [Homo sapiens (human)]
Official Symbol	PMP2
Synonyms	PMP2; peripheral myelin protein 2; myelin P2 protein; FABP8; M FABP; MP2; P2; M-FABP;
Gene ID	5375
mRNA Refseq	NM_002677
Protein Refseq	NP_002668
MIM	170715
UniProt ID	P02689

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SDS-PAGE

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