

Recombinant Human Peripheral Myelin Protein 2

Cat. No. PMP2-301H **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Recombinant PMP2 protein was expressed in E.coli and purified by using conventional chromatography techniques (132 aa, 14.9 kDa).
Species	Human
Source	E.coli
Description	PMP2 (Peripheral myelin protein 2) is a small basic protein found in peripheral nerve myelin and spinal cord myelin, belongs to a family of fatty acid binding proteins. PMP2 partly decreases the inhibitory effect of T suppressors in the culture of immune lymph node cells.
Formulation	Liquid. In 20 mM Tris-HCl buffer (pH 7.5) containing 2 mM EDTA, 1 mM DTT, 10% glycerol.
Molecular Weight	14.9 kDa (132aa).
Purity	> 95% by SDS – PAGE.
Concentration	1 mg/ml (determined by Bradford assay).
Sequence	MSNKFLGTWK LVSSNFDDY MKALGVGLAT RKLGNLAKPT VIISKKGDII TIRTESTFKN EISFKLGQE FEETTADNRK TKSIVTLQRG SLNQVQRWDG KETTIKRKLV NGKMVAECKM KGVVCTRIYE KV

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Storage

Can be stored at +4°C short term (1-2 weeks). For long term storage, aliquot and store at -20°C or -70°C. Avoid repeated freezing and thawing cycles.

GENE INFORMATION
Gene Name

PMP2

Synonyms

PMP2; peripheral myelin protein 2; FABP8; M-FABP; MP2; P2; Myelin P2 protein; Peripheral myelin protein 2.

Gene ID

5375

mRNA Refseq

NM_002677.3

Protein Refseq

NP_002668.1

MIM

170715

UniProt ID

P02689

**Chromosome
Location**

8q21.3-q22.1

Function

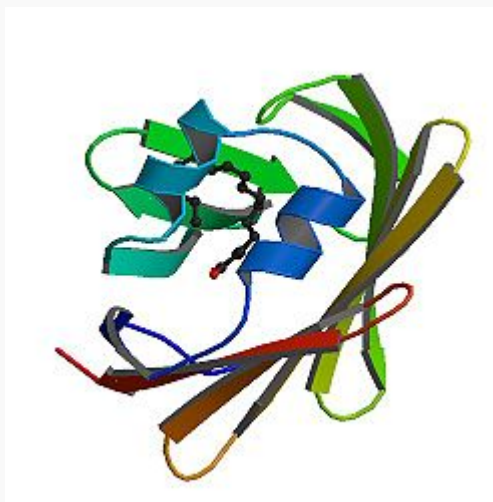
lipid binding; transporter activity.

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PDBrendering based
on 1pmp. Available
structures: 1pmp.



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