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 LVSSENFDDY MKALGVGLAT RKLGNLAKPT VIISKKGDII TIRTESTFKN EISFKLGQE FEETTADNRK TKSIVTLQRG SLNQVQRWDG KETTIKRKLV NGKMVAECKM KGVVCTRIYE KV

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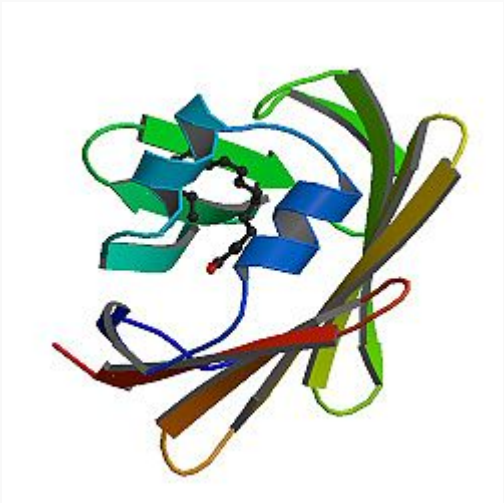
Storage	Can be stored at +4°C short term (1-2 weeks). For long term storage, aliquot and store at -20°C or -70°C. Avoid repeated freezing and thawing cycles.

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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