

# Product datasheet for AR09022PU-L

### PMP2 (1-132) Human Protein

#### **Product data:**

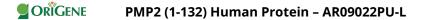
#### OriGene Technologies, Inc.

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Product Type:	Recombinant Proteins
21	
Description:	PMP2 (1-132) human recombinant protein, 0.5 mg
Species:	Human
Expression Host:	E. coli
Expression cDNA Clone or AA Sequence:	MSNKFLGTWK LVSSENFDDY MKALGVGLAT RKLGNLAKPT VIISKKGDII TIRTESTFKN EISFKLGQE FEETTADNRK TKSIVTLQRG SLNQVQRWDG KETTIKRKLV NGKMVAECKM KGVVCTRIYE KV
Predicted MW:	14.9 kDa
Concentration:	lot specific
Purity:	>95% >/= 95% by SDS-PAGE
Buffer:	Presentation State: Purified State: Liquid purified protein Buffer System: 20 mM Tris pH 7.5, 2 mM EDTA, 1 mM DTT, 10% glycerol
Preparation:	Liquid purified protein
Protein Description:	Recombinant PMP2 protein was expressed in E.coli and purified by using conventional chromatography techniques.
Note:	NCBI Accession No.: NP_002668
Storage:	Store (in aliquots) at -20°C. Avoid repeated freezing and thawing.
Stability:	Shelf life: one year from despatch.
RefSeq:	<u>NP 001335310</u>
Locus ID:	5375
UniProt ID:	<u>E5RH45</u>
Cytogenetics:	8q21.13
Synonyms:	CMT1G; FABP8; M-FABP; MP2; P2

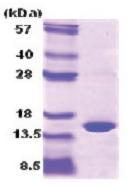


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Summary:The protein encoded by this gene localizes to myelin sheaths of the peripheral nervous<br/>system. The encoded protein can bind both the membrane layers of the sheaths and<br/>monomeric lipids, and is thought to provide stability to the sheath.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

## **Product images:**



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