

Product datasheet for **AR09022PU-L**

PMP2 (1-132) Human Protein

Product data:

Product Type:	Recombinant Proteins
Description:	PMP2 (1-132) human recombinant protein, 0.5 mg
Species:	Human
Expression Host:	E. coli
Expression cDNA Clone or AA Sequence:	MSNKFLGTWK LVSSNFDDY MKALGVGLAT RKLGNLAKPT VIISKKGDI 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:	NP_001335310
Locus ID:	5375
UniProt ID:	E5RH45
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 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. [provided by RefSeq, Jan 2017]

Product images: