
Product Data Sheet

Product Name: PMP2 Human
 Cat. No.: GP24199
 Batch No.: 1

Product Data

Purity	>98%	Source	Escherichia Coli.
Physical Appearance	solid	Shipping Condition	Shipped with Ice Packs.
Synonyms	P2; MP2; FABP8; M-FABP; Myelin P2 protein; PMP2; Peripheral Myelin Protein-2.		
Amino Acid Sequence	MSNKFLGTWK LVSSSENFDDY MKALGVGLAT RKLGNLAKPT VIISKKGDII TIRTESTFKN EISFKLGQE FEETTADNRK TKSIVTLQRG SLNQVQRWDG KETTIKRKLV NGKMVAECKM KGVVCTRIYE KV.		
Formulation	The PMP2 protein solution contains 20mM Tris pH-7.5, 2mM EDTA, 1mM DTT and 10% glycerol.		

Introduction

PMP2 is a small 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. PMP2 protein is a lipid transport protein in schwann cells.

Stability

Store at 4°C if entire vial will be used within 2-4 weeks. Store, frozen at -20°C for longer periods of time. For long term storage it is recommended to add a carrier protein (0.1% HSA or BSA). Avoid multiple freeze-thaw cycles.

Background

PMP2 Human Recombinant produced in E.Coli is a single, non-glycosylated polypeptide chain containing 132 amino acids and having a molecular mass of 14.9 kDa.

Caution: Product has not been fully validated for medical applications. For research use only.

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