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# PMP2 Protein (His tag)



#### Overview

Quantity:	50 µg
Target:	PMP2
Origin:	Human
Source:	Escherichia coli (E. coli)
Protein Type:	Recombinant
Purification tag / Conjugate:	This PMP2 protein is labelled with His tag.

#### **Product Details**

Purpose:	Recombinant Human PMP2/FABP8 Protein (His Tag)	
Sequence:	Met1-Val132	
Characteristics:	Recombinant Human PMP2 protein is produced by our E.coli expression system and the target gene encoding Met1-Val132 is expressed with a 6His tag at the N-terminus.	
Purity:	> 95 % as determined by reducing SDS-PAGE.	
Endotoxin Level:	< 1.0 EU per µg as determined by the LAL method.	

#### **Target Details**

Target:	PMP2
Alternative Name:	PMP2/FABP8 (PMP2 Products)
Background:	Background: Myelin P2 Protein (PMP2) is a cytoplasmic protein which belongs to the Fatty-acid binding protein (FABP) family of calycin superfamily. PMP2 is a small, basic, and cytoplasmic
	lipid binding protein of peripheral myelin. PMP2 is found in peripheral nerve myelin and spinal

## **Target Details**

	cord myelin, the oligodendrocytes and Schwann cells, respectively. PMP2 may be involved in
	lipid transport protein in Schwann cells. It may decrease the inhibitory effect of T suppressors
	in the culture of immune lymph node cells.
	Synonym: Myelin P2 Protein, Peripheral Myelin Protein 2, PMP2,FABP8,M-FABP
Molecular Weight:	17.07 kDa
UniProt:	P02689

# **Application Details**

Restrictions:	For Research Use only
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## Handling

Format:	Lyophilized	
Reconstitution:	Please refer to the printed manual for detailed information.	
Buffer:	Lyophilized from a 0.2 $\mu$ m filtered solution of 20 mM PB, 150 mM NaCl, pH 7.2.	
Storage:	4 °C,-20 °C,-80 °C	
Storage Comment:	Generally, lyophilized proteins are stable for up to 12 months when stored at -20 to -80°C.  Reconstituted protein solution can be stored at 4-8°C for 2-7 days. Aliquots of reconstituted samples are stable at < -20°C for 3 months.	