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## Recombinant human FABP8/M-FABP protein

Catalog Number: FAB0803

### **PRODUCT INFORMATION**

#### **Expression system**

E.coli

#### **Domain**

1-132aa

#### UniProt No.

P02689

#### **NCBI Accession No.**

NP 002668

#### **Alternative Names**

Peripheral myelin protein 2, P2, MP2, FABP8, M-FABP, Myelin P2 protein, Peripheral myelin protein 2, PMP2, Peripheral myelin protein 2

### **PRODUCT SPECIFICATION**

## **Molecular Weight**

14.9 kDa (132aa) confirmed by MALDI-TOF

#### Concentration

1mg/ml (determined by Bradford assay)

#### **Formulation**

Liquid in. 20mM Tris-HCl buffer (pH 7.5) containing 2mM EDTA, 1mM DTT, 10% glycerol

#### **Purity**

> 95% by SDS-PAGE

#### Tag

Non-Tagged

## **Application**

SDS-PAGE

## **Storage Condition**

Can be stored at +2C to +8C for 1 week. For long term storage, aliquot and store at -20C to -80C. Avoid repeated freezing and thawing cycles.

### **BACKGROUND**

## **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. Recombinant PMP2 protein was expressed in E. coli and purified by using conventional chromatography techniques.



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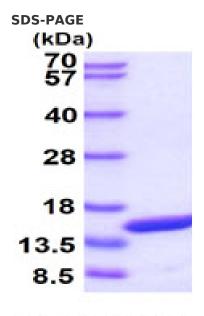
## **Amino acid Sequence**

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

#### **General References**

Ishaque A., et al. (1982). J Biol Chem. 257(2):592-5 Narayanan V., et al. (1988). J Biol Chem. 263(17):8332-7

## **DATA**



15% SDS-PAGE (3ug)

3ug by SDS-PAGE under reducing condition and visualized by coomassie blue stain.

