

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 LVSSNFDDY MKALGVGLAT RKLGNLAKPT VIISKKGDI TIRTESTFKN EISFKLGQE FEETTADNRK
TKSIVTLQRG SLNQVQRWDG KETTIKRKLV NGKMVAECKM KGVVCTRIYE KV

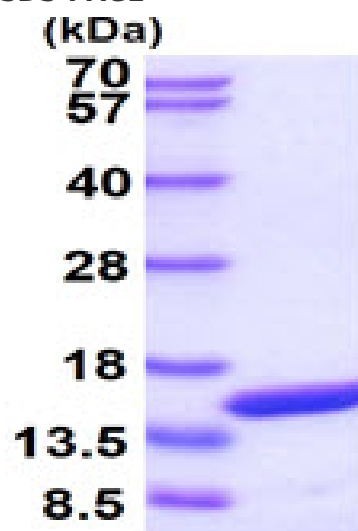
General References

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

SDS-PAGE



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

15% SDS-PAGE (3ug)