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.



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



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

15% SDS-PAGE (3ug)

