Synonym

PMP2,Myelin P2 protein,FABP8,M-FABP,MP2,P2

Source

Human FABP8, His Tag (PM2-H5149) is expressed from E.coli cells. It contains AA Ser 2 - Val 132 (Accession # P02689-1).
Predicted N-terminus: Met

Molecular Characterization

Poly-his	FABP8(Ser 2 - Val 132) P02689-1

This protein carries a polyhistidine tag at the N-terminus.

The protein has a calculated MW of 15.7 kDa. The protein migrates as 16 kDa under reducing (R) condition (SDS-PAGE).

Endotoxin

Less than 1.0 EU per μg by the LAL method.

Purity

>95% as determined by SDS-PAGE.

Formulation

Lyophilized from 0.22 μm filtered solution in PBS, pH7.4. Normally trehalose is added as protectant before lyophilization.

Contact us for customized product form or formulation.

Reconstitution

Please see Certificate of Analysis for specific instructions.

For best performance, we strongly recommend you to follow the reconstitution protocol provided in the CoA.

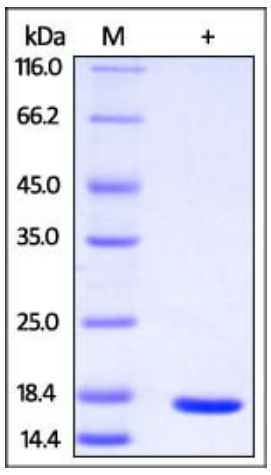
Storage

For long term storage, the product should be stored at lyophilized state at -20°C or lower.

Please avoid repeated freeze-thaw cycles.

This product is stable after storage at:
- -20°C to -70°C for 12 months in lyophilized state;
- -70°C for 3 months under sterile conditions after reconstitution.

SDS-PAGE



Human FABP8, His Tag on SDS-PAGE under reducing (R) condition. The gel was stained overnight with Coomassie Blue. The purity of the protein is greater than 95%.

Background

Myelin P2 protein (PMP2) is also known as peripheral myelin protein 2, which is a cytosolic protein found primarily in peripheral nerves. PMP2 is a small, basic, and cytoplasmic lipid binding protein of peripheral myelin. Also, PMP2 may play a role in lipid transport protein in Schwann cells. Furthermore, PMP2 may bind cholesterol.

References

(1) Narayanan V., et al., 1994, J. Neurochem. 63:2010-2013.

(2) Suzuki M., et al., 1982, J. Neurochem. 39:1759-1762.

Please contact us via TechSupport@acrobiosystems.com if you have any question on this product.