

Recombinant Human PMP2/FABP8 Protein (His Tag)

Catalog Number: PKSH033587

Note: Centrifuge before opening to ensure complete recovery of vial contents.

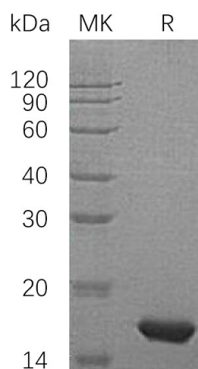
Description

Species	Human
Source	E.coli-derived Human PMP2/FABP8 protein Met1-Val132, with an N-terminal His
Calculated MW	17.1 kDa
Observed MW	14-20 kDa
Accession	P02689
Bio-activity	Not validated for activity

Properties

Purity	> 95 % as determined by reducing SDS-PAGE.
Endotoxin	< 1.0 EU per µg of the protein as determined by the LAL method.
Storage	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.
Shipping	This product is provided as lyophilized powder which is shipped with ice packs.
Formulation	Lyophilized from a 0.2 µm filtered solution of 20mM Citrate, 10% Trehalose, 100mM NaCl, 0.05% Tween 80, pH 4.5. Normally 5% - 8% trehalose, mannitol and 0.01% Tween 80 are added as protectants before lyophilization. Please refer to the specific buffer information in the printed manual.
Reconstitution	Please refer to the printed manual for detailed information.

Data



> 95 % as determined by reducing SDS-PAGE.

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 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.

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Toll-free: 1-888-852-8623
Web: www.elabscience.com

Tel: 1-832-243-6086
Email: techsupport@elabscience.com

Fax: 1-832-243-6017