



Recombinant Protein Technical Manual

Recombinant Human PMP2/FABP8 Protein (His Tag)

RPES0923

Product Data:

Product SKU: RPES0923

Size: 10µg

Species: Human

Expression host: E. coli

Uniprot: P02689

Protein Information:

Molecular Mass: 17.07 kDa

AP Molecular Mass: 16 kDa

Tag: N-His

Bio-activity:

Purity: > 95% as determined by reducing SDS-PAGE.

Endotoxin: < 1.0 EU per µg as determined by the LAL method.

Storage: Lyophilized protein should be stored at < -20°C, though stable at room temperature for 3 weeks. Reconstituted protein solution can be stored at 4-7°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 PB, 150mM NaCl, pH 7.2.

Reconstitution: Please refer to the printed manual for detailed information.

Application:

Synonyms: Myelin P2 Protein; Peripheral Myelin Protein 2; PMP2;FABP8;M-FABP

Immunogen Information:

Sequence: Met1-Val132

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.