

Product Name: Recombinant Human PMP2 (N-6His)
Catalog #: PEH1183

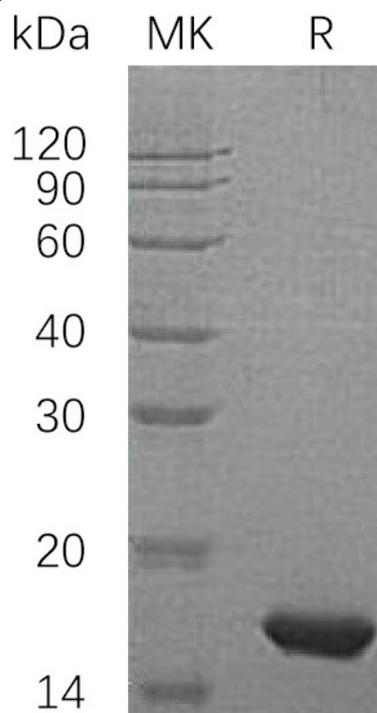


Summary

Name	Myelin P2 protein/PMP2
Purity	Greater than 95% as determined by reducing SDS-PAGE
Endotoxin level	<1 EU/μg as determined by LAL test.
Construction	Recombinant Human Myelin P2 Protein is produced by our E.coli expression system and the target gene encoding Met1-Val132 is expressed with a 6His tag at the N-terminus.
Accession #	P02689
Host	E.coli
Species	Human
Predicted Molecular Mass	17.07 KDa
Formulation	Lyophilized from a 0.2 μm filtered solution of 20mM Citrate, 10% Trehalose, 100mM NaCl, 0.05% Tween 80, pH 4.5.
Shipping	The product is shipped at ambient temperature. Upon receipt, store it immediately at the temperature listed below.
Stability&Storage	Lyophilized protein should be stored at ≤ -20°C, stable for one year after receipt. Reconstituted protein solution can be stored at 2-8°C for 2-7 days. Aliquots of reconstituted samples are stable at ≤ -20°C for 3 months.
Reconstitution	Always centrifuge tubes before opening. Do not mix by vortex or pipetting. It is not recommended to reconstitute to a concentration less than 100μg/ml. Dissolve the lyophilized protein in distilled water. Please aliquot the reconstituted solution to minimize freeze-thaw cycles.

SDS-PAGE image

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Alternative Names

Myelin P2 Protein; Peripheral Myelin Protein 2; PMP2

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.

Note

For Research Use Only , Not for Diagnostic Use.