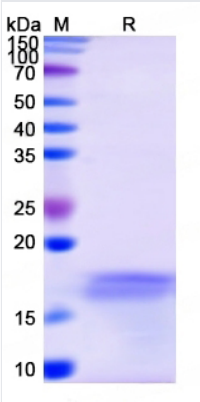
PMP2 Human Recombinant Protein

PRODUCT OVERVIEW

Product Name	PMP2, Recombinant Protein
Full Product Name	Recombinant Human PMP2 Protein, N-His
Product Gene Name	PMP2 recombinant protein
Product Synonym Names	PMP2; Myelin P2 protein; Peripheral myelin protein 2
Host	E coli
Form/Format	Lyophilized from a solution in PBS pH7.4, 0.02% NLS, 1mM EDTA, 4% Trehalose, 1% Mannitol.
Purity/Purification	>90% as determined by SDS-PAGE
Preparation and Storage	Use a manual defrost freezer and avoid repeated freeze thaw cycles. Store at 2 to 8 degree C for one week. Store at -20 to -80 degree C for twelve months from the date of receipt.
Molecular Weight	14,909 Da
Sequence Positions	Met1-Val132
OMIM	170715
3D Structure	ModBase 3D Structure for P02689
Species	Human
Reconstitution	Reconstitute in sterile water for a stock solution.
Product Categories/Family for PMP2 recombinant protein	Recombinant Proteins
ISO Certification	Manufactured in an ISO 9001:2015 Certified Laboratory.
Applications Tested/Suitable for PMP2 recombinant protein	SDS-PAGE (SDS), Western Blot (WB), ELISA (EIA), Immunogen
Related Product Information for PMP2 recombinant protein	MBS1576938 is a recombinant protein targeting PMP2. Also known as Recombinant Human PMP2 Protein, N-His. Host: E coli.
Other Notes	Small volumes of PMP2 recombinant protein vial(s) may occasionally become entrapped in the seal of the product vial during shipment and storage. If necessary, briefly centrifuge the vial on a tabletop centrifuge to dislodge any liquid in the container`s cap. Certain products may require to ship with dry ice and additional dry ice fee may apply.



SDS-Page of PMP2 recombinant protein
SDS PAGE for Recombinant Human PMP2 Protein

ADDITIONAL DETAILS

NCBI/Uniprot data below describe general gene information for PMP2. It may not necessarily be applicable to this product.

NCBI GI #	4505909
NCBI GeneID	5375
NCBI Accession #	NP_002668.1
UniProt Primary Accession #	P02689
UniProt Secondary Accession #	Q6FHL4
UniProt Related Accession #	P02689
GenBank Nucleotide #	NM_002677.3
NCBI Official Full Name	myelin P2 protein
NCBI Official Synonym Full Names	peripheral myelin protein 2
NCBI Official Symbol	PMP2
NCBI Official Synonym Symbols	P2; MP2; FABP8; M-FABP
UniProt Protein Name	Myelin P2 protein
UniProt Synonym Protein Names	Peripheral myelin protein 2
Protein Family	Myelin P2 protein
UniProt Gene Name	PMP2
UniProt Entry Name	MYP2_HUMAN
NCBI Protein Information	myelin P2 protein
UniProt Comments for PMP2	PMP2: May play a role in lipid transport protein in Schwann cells. May bind cholesterol. Belongs to the calycin superfamily. Fatty-acid binding protein (FABP) family. Chromosomal Location of Human Ortholog: 8q21.3-q22.1 Cellular Component: cytoplasm Molecular Function: transporter activity; cholesterol binding; fatty acid binding Biological Process: transport
Research Articles on PMP2	**1.** The structure of human P2 refined at the ultrahigh resolution of 0.93 A allows detailed structural analyses, including the full organization of an internal hydrogen-bonding network.

Precautions	All of MyBioSource's Products are for scientific laboratory research purposes and are not for diagnostic, therapeutics, prophylactic or in vivo use. Through your purchase, you expressly represent and warrant to MyBioSource that you will properly test and use any Products purchased from MyBioSource in accordance with industry standards. MyBioSource and its authorized distributors reserve the right to refuse to process any order where we reasonably believe that the intended use will fall outside of our acceptable guidelines.
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