

Recombinant Human PMP2, His-tagged

Cat. No. PMP2-3688H **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Total 140 AA. MW: 15.93 kDa (calculated). N-Terminal His-tag (9 extra AA).
Species	Human
Source	E.coli
Description	Myelin P2 protein is a protein that in humans is encoded by the PMP2 gene.
Form	Filtered (0.4 µm) and lyophilized in 0.5 mg/mL in 20mM TRIS, 50mM NaCl, Ph 7.5.
Purity	Purity as determined by densitometric image analysis > 99%.
Reconstitution	Add deionized water to prepare a working stock solution of 0.5 mg/mL and let the lyophilized pellet dissolve completely. Product is not sterile! Please filter the product by an appropriate sterile filter before using it in the cell culture.
Applications	ELISA; Western blotting
Quality Control Test	BCA to determine quantity of the protein; SDS PAGE to determine purity of the protein; LAL TEST to determine quantity of endotoxin
Sequences of amino acids	MKHHHHHHAS NKFLGTWKLVSSENFDYMK ALGVGLATRK LGNLAKPTVI ISKKGDIITRTESTFKNTEISFKLGQEFETTADNRKTKSIVTLQRGSL NQVQRWDGKETIKRKLVNGKMVAECKMKGVVCTRIYEV

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Storage Store lyophilized protein at -80°C. Lyophilized protein remains stable until the expiry date when stored at -80°C. Aliquot reconstituted protein to avoid repeated freezing/thawing cycles and store at -80°C for long term storage. Reconstituted protein can be stored at 4°C for a week.

GENE INFORMATION

Gene Name PMP2 peripheral myelin protein 2 [Homo sapiens]

Official Symbol PMP2

Synonyms PMP2; peripheral myelin protein 2; P2; MP2; FABP8; M-FABP; myelin P2 protein; OTTHUMP00000227024; OTTHUMP00000227025

Gene ID 5375

mRNA Refseq NM_002677

Protein Refseq NP_002668

MIM 170715

UniProt ID P02689

Chromosome Location 8q21.3-q22

Function cholesterol binding; fatty acid binding; transporter activity

PMP2 PDB1pmp Protein

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