

Recombinant Human PMP22

Cat. No. PMP22-30010TH **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Recombinant full length Human PMP22 with proprietary tag; Predicted MWt 44.9 kDa.
Species	Human
Source	Wheat Germ
ProteinLength	160 amino acids
Description	This gene encodes an integral membrane protein that is a major component of myelin in the peripheral nervous system. Various mutations of this gene are causes of Charcot-Marie-Tooth disease Type IA, Dejerine-Sottas syndrome, and hereditary neuropathy with liability to pressure palsies. Alternative splicing of this gene results in three transcript variants that encode the same protein.
Molecular Weight	44.900kDa inclusive of tags
Form	Liquid
Purity	Proprietary Purification
Storage buffer	pH: 8.00Constituents:0.31% Glutathione, 0.79% Tris HCl
Storage	Shipped on dry ice. Upon delivery aliquot and store at -80oC. Avoid freeze / thaw cycles.

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Sequences of amino acids

MLLLLLSIIVLHVAVLVLLFVSTIVSQWIVGNGHATDLWQNCSTSSSGNVVHHCFS SSP
NEWLQSVQATMILSIIFSILSLFLFFCQLFTLTGGRFYITGIFQILAGLCVMSAAAIYTV
RHPEWHLNSDYSYG FAYILAWVAFPLALLSGVIYVILRKRE

Sequence Similarities

Belongs to the PMP-22/EMP/MP20 family.

GENE INFORMATION

Gene Name

PMP22 peripheral myelin protein 22 [Homo sapiens]

Official Symbol

PMP22

Synonyms

PMP22; peripheral myelin protein 22; GAS 3; HNPP; Sp110;

Gene ID

5376

mRNA Refseq

NM_000304

Protein Refseq

NP_000295

MIM

601097

Uniprot ID

Q01453

Chromosome Location

17p12

Pathway

a6b1 and a6b4 Integrin signaling, organism-specific biosystem;