

Recombinant Human PMP22

Cat. No. PMP22-30913TH **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Recombinant fragment corresponding to amino acids 25-114 of Human PMP22 with proprietary tag: Predicted MWt 35.53 kDa.
Species	Human
Source	Wheat Germ
ProteinLength	90 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	35.530kDa 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	VSQWIVGN GHATDLWQNCSTSSSGNVHHC FSSSPNEWLQSVQATMILSIIFSILSLF LFFCQLFTLTKGGRFYITGIFQILAGLCVMSAA
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;