

Recombinant Full Length Human PMP22 Protein, C-Flag-tagged

Cat. No. PMP22-504HFL **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Recombinant Full Length Human PMP22 Protein, fused to Flag-tag at C-terminus, was expressed in Mammalian cells.
Species	Human
Source	Mammalian Cells
Description	This gene encodes an integral membrane protein that is a major component of myelin in the peripheral nervous system. Studies suggest two alternately used promoters drive tissue-specific expression. Various mutations of this gene are causes of Charcot-Marie-Tooth disease Type 1A, Dejerine-Sottas syndrome, and hereditary neuropathy with liability to pressure palsies. Alternative splicing results in multiple transcript variants.
Form	25 mM Tris HCl, pH 7.3, 100 mM glycine, 10% glycerol.
Molecular Mass	17.7 kDa
AA Sequence	MLLLLLSIIVLHVAVLVLLFVSTIVSQWIVGNGHATDLWQNCSTSSSGNVVHHCFFSSSP NEWLQSVQATMI LSIIFSILSLFLFFCQLFTLTGGRFYITGIFQILAGLCVMSAAAIYTV RHPEWHLNSDYSYGFAYILAW VAFPLALLSGVIYVILRKRETRTRPLEQKLISEEDLAANDILDYKDDDDKV
Purity	> 80% as determined by SDS-PAGE and Coomassie blue staining.

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Stability	Stable for 12 months from the date of receipt of the product under proper storage and handling conditions. Avoid repeated freeze-thaw cycles.
Storage	Store at -80 centigrade.
Concentration	>50 ug/mL as determined by microplate BCA method.
Preparation	Recombinant protein was captured through anti-DDK affinity column followed by conventional chromatography steps.
Protein Families	Transmembrane
Full Length	Full L.

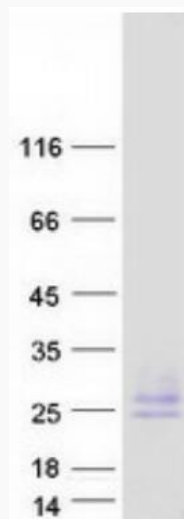
GENE INFORMATION

Gene Name	PMP22 peripheral myelin protein 22 [Homo sapiens (human)]
Official Symbol	PMP22
Synonyms	DSS; CIDP; GAS3; HNPP; CMT1A; CMT1E; GAS-3; Sp110; HMSNIA
Gene ID	5376
mRNA Refseq	NM_000304.4
Protein Refseq	NP_000295.1
MIM	601097
UniProt ID	Q01453

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Coomassie blue staining of purified PMP22 protein.

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