Recombinant Human PMP22 Protein, Myc/DDK-tagged, C13 and N15-labeled

Cat. No. PMP22-4473H **Lot. No.** (See product label)

SPECIFICATION

Product Overview	PMP22 MS Standard C13 and N15-labeled recombinant protein (NP_696997) with a C-terminal MYC/DDK tag, was expressed in HEK293 cells.
Species	Human
Source	HEK293
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 IA, Dejerine-Sottas syndrome, and hereditary neuropathy with liability to pressure palsies. Alternative splicing results in multiple transcript variants.
Molecular Mass	17.7 kDa
AA Sequence	MLLLLLSIIVLHVAVLVLLFVSTIVSQWIVGNGHATDLWQNCSTSSSGNVHHCFSSSP NEWLQSVQATMILSIIFSILSLFLFFCQLFTLTKGGRFYITGIFQILAGLCVMSAAAIYTV RHPEWHLNSDYSYGFAYILAWVAFPLALLSGVIYVILRKRETRTRPLEQKLISEEDLAA NDILDYKDDDDKV
Purity	> 80% as determined by SDS-PAGE and Coomassie blue staining
Stability	Stable for 3 months from receipt of products under proper storage and handling

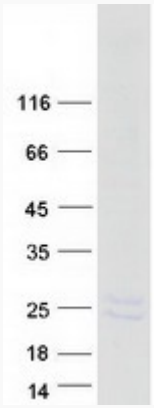
Tel: 1-631-559-9269 1-516-512-3133
Email: info@creative-biomart.com Fax: 1-631-938-8127
45-1 Ramsey Road, Shirley, NY 11967, USA

	conditions.
Storage	Store at -80 centigrade. Avoid repeated freeze-thaw cycles.
Concentration	50 μg/mL as determined by BCA
Storage Buffer	100 mM glycine, 25 mM Tris-HCl, pH 7.3.

GENE INFORMATION

Gene Name	PMP22 peripheral myelin protein 22 [Homo sapiens (human)]
Official Symbol	PMP22
Synonyms	PMP22; peripheral myelin protein 22; GAS 3; HNPP; Sp110; PMP-22; growth arrest-specific 3; growth arrest-specific protein 3; DSS; CMT1A; CMT1E; GAS-3; HMSNIA; MGC20769;
Gene ID	5376
mRNA Refseq	NM_153322
Protein Refseq	NP_696997
MIM	601097
UniProt ID	Q01453

Tel: 1-631-559-9269 1-516-512-3133
Email: info@creative-biomart.com Fax: 1-631-938-8127
45-1 Ramsey Road, Shirley, NY 11967, USA

SDS-PAGE	

Tel: 1-631-559-9269 1-516-512-3133
Email: info@creative-biomart.com Fax: 1-631-938-8127
45-1 Ramsey Road, Shirley, NY 11967, USA