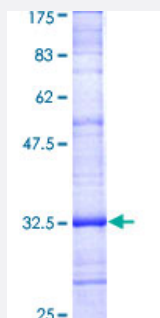


PMP22 (Human) Recombinant Protein (Q01)

Catalog # H00005376-Q01

Size 25 ug, 10 ug

Applications



Specification

Product Description	Human PMP22 partial ORF (AAH19040, 25 a.a. - 114 a.a.) recombinant protein with GST-tag at N-terminal.
Sequence	VSQWVGN GHATDLWQNCSTSSSGNVHHCFSSSPNEWLQSVQATMILSIIFSILSLFLFFCQLFTLT KGGRFYITGIFQILAGLCVMSAA
Host	Wheat Germ (in vitro)
Theoretical MW (kDa)	35.53
Interspecies Antigen Sequence	Mouse (84)
Preparation Method	in vitro wheat germ expression system
Purification	Glutathione Sepharose 4 Fast Flow
Quality Control Testing	12.5% SDS-PAGE Stained with Coomassie Blue.
Storage Buffer	50 mM Tris-HCl, 10 mM reduced Glutathione, pH=8.0 in the elution buffer.
Storage Instruction	Store at -80°C. Aliquot to avoid repeated freezing and thawing.
Note	Best use within three months from the date of receipt of this protein.

Applications

- Enzyme-linked Immunoabsorbent Assay
- Western Blot (Recombinant protein)
- Antibody Production
- Protein Array

Gene Info — PMP22

Entrez GeneID [5376](#)

GeneBank Accession# [BC019040](#)

Protein Accession# [AAH19040](#)

Gene Name PMP22

Gene Alias CMT1A, CMT1E, DSS, GAS-3, HMSNIA, HNPP, MGC20769, Sp110

Gene Description peripheral myelin protein 22

Omim ID [118220](#) [118300](#) [145900](#) [162500](#) [180800](#) [601097](#)

Gene Ontology [Hyperlink](#)

Gene Summary 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 1A, 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. [provided by RefSeq]

Other Designations growth arrest-specific 3

Disease

- [Cardiovascular Diseases](#)
- [Charcot-Marie-Tooth Disease](#)
- [Deafness](#)

- [Diabetes Mellitus](#)
- [Edema](#)
- [Genetic Predisposition to Disease](#)
- [Hereditary Motor and Sensory Neuropathies](#)
- [Multiple Sclerosis](#)
- [Polyneuropathies](#)
- [Sleep Apnea](#)