Peripheral Myelin Protein 22 (PMP22) Recombinant Protein | PMP22 recombinant protein

Recombinant Peripheral Myelin Protein 22 (PMP22)

CATALOG #	HOST	REACTIVITY	APPLICATIONS
AAA134639	**E.coli**	**Homo sapiens (Human)**	**Western Blot, SDS-Page**

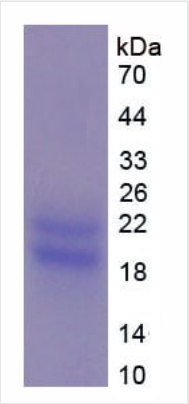
PRODUCT SYNONYMS

Peripheral Myelin Protein 22 (PMP22); Recombinant Peripheral Myelin Protein 22 (PMP22); PMP22 recombinant protein

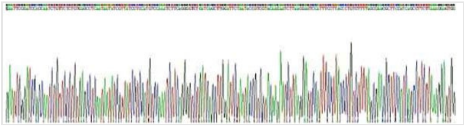
PRODUCT SPECIFICATIONS

Host	E.coli
Reactivity	Homo sapiens (Human)
Purity/Purification	> 90%
Form/Format	100mM NaHCO3, 500mM NaCl, pH8.3, containing 0.01% Sarcosyl, 5% Trehalose.
Concentration	Original Concentration: 200ug/mL (varies by lot)
Applicable Applications for PMP22 recombinant protein	WB (Western Blot), SDS-PAGE, Immunogen, Positive Control
Source	Prokaryotic expression
Residues	Gly31~Gly133
Tags	Two N-terminal Tags, His-tag and SUMO-tag
Subcellular Location	Membrane
Traits	Freeze-dried powder
Predicted isoelectric point	6.5
Usage	Reconstitute in ddH2O to a concentration of 0.1-1.0 mg/mL. Do not vortex.
Preparation and Storage	**Storage:** Avoid repeated freeze/thaw cycles. Store at 2-8 degree C for one month. Aliquot and store at -80 degree C for 12 months. **Stability Test:** The thermal stability is described by the loss rate. The loss rate was determined by accelerated thermal degradation test, that is, incubate the protein at 37 degree C for 48h, and no obvious degradation and precipitation were observed. The loss rate is less than 5% within the expiration date under appropriate storage condition.

IMAGES



SDS-PAGE



Gene Sequence
Gene Sequencing (extract

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                                GNGHATDLWQ NCSTSSSGNV
HHCFSSSPNE WLQSVQATMI LSIIFSILSL FLFFCQLFTL TKGGRFYITG
IFQILAGLCV MSAAAIYTVR HPEWHLNSDY SYG
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Sequence

NCBI AND UNIPROT INFORMATION

NCBI GI #	4505907
NCBI GeneID	5376
NCBI Accession #	NP_000295.1
NCBI GenBank Nucleotide #	NM_000304.3
UniProt Accession #	Q01453; Q8WV01
Molecular Weight	Predicted Molecular Mass: 25.2kDa Accurate Molecular Mass: 22/19kDa as determined by SDS-PAGE reducing conditions.
NCBI Official Full Name	peripheral myelin protein 22
NCBI Official Synonym Full Names	peripheral myelin protein 22
NCBI Official Symbol	PMP22
NCBI Official Synonym Symbols	DSS; HNPP; CMT1A; CMT1E; GAS-3; Sp110; HMSNIA
NCBI Protein Information	peripheral myelin protein 22; growth arrest-specific protein 3
UniProt Protein Name	Peripheral myelin protein 22
UniProt Gene Name	**PMP22**
UniProt Synonym Gene Names	GAS3; PMP-22; GAS-3
UniProt Entry Name	PMP22_HUMAN

For Research Use Only. Not for use in diagnostic or therapeutic procedures. Small volumes of product may become entrapped in the seal of the vial during shipment and storage; if necessary, briefly centrifuge the vial on a tabletop centrifuge to dislodge any liquid in the cap.

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Online datasheet: https://www.aaabiotech.com/pmp22-recombinant-protein-e-coli-wb-western-blot-sds-page-immunogen-positive-control/134639