

Pmp22 Protein, Rat, Recombinant (His)

General Information

Synonyms:	PMP-22;Peripheral myelin protein 22;SR13 myelin protein;Pmp22;Cd25;Schwann cell membrane glycoprotein (SAG);Protein CD25
Protein Construction:	1-160 aa
Species:	Rat
Expression Host:	E. coli
Accession:	P25094
Molecular Weight:	23.4 kDa (predicted)
AA Sequence:	MLLLLLGILFLHIAVLVLLFVSTIVSQWLVGNHRTDLWQNCTTSALGAVQHCYSSSVSEWLQSVQATMILSVI FSVLSLFLFFCQLFTLTKGGRFYITGVFQILAGLCVMSAAAIYTVRHSEWHVNNDYSYGFAYILAWVAFPLALLS GIIYVILRKRE

QC Testing

Biological Activity:	Activity has not been tested. It is theoretically active, but we cannot guarantee it. If you require protein activity, we recommend choosing the eukaryotic expression version first.
Purity:	> 85% as determined by SDS-PAGE.
Endotoxin:	< 1.0 EU/μg of the protein as determined by the LAL method.
Formulation:	Lyophilized from Tris/PBS-based buffer, 6% Trehalose, pH 8.0

Preparation and Storage

Reconstitution:

A Certificate of Analysis (CoA) containing reconstitution instructions is included with the products. Please refer to the CoA for detailed information.

Stability & Storage:

Lyophilized powders can be stably stored for over 12 months, while liquid products can be stored for 6-12 months at -80°C. For reconstituted protein solutions, the solution can be stored at -20°C to -80°C for at least 3 months. Please avoid multiple freeze-thaw cycles and store products in aliquots.

Actual storage temperature shall be subject to the COA.

Shipping:

In general, lyophilized powders are shipped with blue ice, while solutions are shipped with dry ice.

Protein Background

Might be involved in growth regulation, and in myelination in the peripheral nervous system.

Inhibitor · Natural Compounds · Compound Libraries · Recombinant Proteins

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