

Recombinant Mouse Pmp2 Protein, His&GST-tagged

Cat. No. Pmp2-1954M **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Recombinant Mouse Pmp2 Protein (Ser2-Val132) with N-His&GST tag was expressed in E. coli.
Species	Mouse
Source	E.coli
ProteinLength	Ser2-Val132
Description	Predicted to enable cholesterol binding activity and fatty acid binding activity. Acts upstream of or within membrane organization. Predicted to be located in cytoplasm and myelin sheath. Predicted to be active in cytosol and nucleus. Human ortholog(s) of this gene implicated in Charcot-Marie-Tooth disease type 1G. Orthologous to human PMP2 (peripheral myelin protein 2).
Form	Freeze-dried powder
Molecular Mass	Predicted Molecular Mass: 44.8 kDa Accurate Molecular Mass: 45 kDa
Purity	> 90%
Applications	Positive Control; Immunogen; SDS-PAGE; WB.
Stability	The thermal stability is described by the loss rate. The loss rate was determined by

 Tel: 1-631-559-9269 1-516-512-3133

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accelerated thermal degradation test, that is, incubate the protein at 37 centigrade 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.

Storage

Avoid repeated freeze/thaw cycles. Store at 2-8 centigrade for one month. Aliquot and store at -80 centigrade for 12 months.

Storage Buffer

PBS, pH7.4, containing 0.01% SKL, 1mM DTT, 5% Trehalose and Proclin300.

Reconstitution

Reconstitute in PBS or others.

GENE INFORMATION

Gene Name

Pmp2 peripheral myelin protein 2 [*Mus musculus* (house mouse)]

Official Symbol

Pmp2

Synonyms

Pmp2; peripheral myelin protein 2; P2; myelin P2 protein

Gene ID

18857

mRNA Refseq

NM_001030305

Protein Refseq

NP_001025476

UniProt ID

P24526

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