

Recombinant Proteolipid Protein 1, Myelin (PLP1)

Catalog No.: TP09076

50µg

Sequence Information

Species: Human

Gene ID:5354

Swiss Prot:P60201

Synonyms:MMPL; PLP/DM20; PMD; SPG2;

Pelizaeus-Merzbacher Disease; Spastic

Paraplegia 2,Uncomplicated; Myelin

proteolipid protein; Lipophilin

Residues:Leu164~Phe277

LLVFACSAVPVYIYFNTWTTTCQSIAPFSKTSASIGSLCADARMYGVLPWNAFPG

KVCGSNLLSICKTAEFQMTFHLFIAAFVGAAATLVSLLTFMIAATYNFAVLKLM

GRGTKF

Product Information

Source: Recombinant expression.

Host: *E.coli*

Tags: N-terminal His and GST Tag

Subcellular Location: Membrane.

Purity: >90%

Traits: Freeze-dried powder

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

Original Concentration: 200µg/mL

Applications: Positive Control; Immunogen; SDS-PAGE; WB.

(May be suitable for use in other assays to be determined by the end user.)

Predicted isoelectric point: 9.0

Predicted Molecular Mass: 42.3kDa

Accurate Molecular Mass: 44kDa as determined by SDS-PAGE reducing conditions.

[USAGE]

Reconstitute in ddH₂O to a concentration of 0.1-0.5 mg/mL. Do not vortex.

[STORAGE AND STABILITY]

Storage: Avoid repeated freeze/thaw cycles.

Store at 2-8°C for one month.

The kit is designed for in vitro and research use only, we will not be responsible for any issue if the kit was used in clinical diagnostic or any other procedures.