

Recombinant Human PLP1 Full Length Transmembrane protein (2-277 aa), His-tagged

Cat. No. PLP1-2728H **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Recombinant Human PLP1 Protein (2-277 aa) is produced by in vitro E. coli expression system. This protein is fused with a 10xHis tag at the N-terminal. Protein Description: Full Length of Mature Protein.
Species	Human
Source	E.coli
ProteinLength	2-277aa
Form	If the delivery form is liquid, the default storage buffer is Tris/PBS-based buffer, 5%-50% glycerol. If the delivery form is lyophilized powder, the buffer before lyophilization is Tris/PBS-based buffer, 6% Trehalose, pH 8.0.
Molecular Mass	35.5 kDa
AA Sequence	GLLECCARCLVGAPFASLVATGLCFFGVALFCGCGHEALTGTEKLIETYFSKNYQDY EYLINVIHAFQYVIYGTASFFFLYGALLAEGFYTTGAVRQIFGDYKTTICGKGLSATVT GGQKGRGSRGQHQAHSLERVCHCLGKWLGHDPDKFVGITYALTVVWLLVFACSAVP VYIYFNTWTTTCQSIAPSKTSASIGSLCADARMYGVLPWNAFPGKVCGSNLLSICKTA EFQMTFHLFIAAFVGAAATLVSLTTFMIAATYNFAVLKLMGRGTFK
Purity	Greater than 85% as determined by SDS-PAGE.

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

 Email: info@creative-biomart.com  Fax: 1-631-938-8127

 45-1 Ramsey Road, Shirley, NY 11967, USA

Storage

Store at -20°C/-80°C upon receipt, aliquoting is necessary for mutiple use. Avoid repeated freeze-thaw cycles.

Reconstitution

Please reconstitute protein in deionized sterile water to a concentration of 0.1-1.0 mg/mL. We recommend to add 5-50% of glycerol (final concentration) and aliquot for long-term storage at -20°C/-80°C. Our default final concentration of glycerol is 50%.

GENE INFORMATION

Gene Name

PLP1 proteolipid protein 1 [Homo sapiens]

Official Symbol

PLP1

Synonyms

PLP1; proteolipid protein 1; PLP, spastic paraplegia 2, uncomplicated , SPG2; myelin proteolipid protein; Pelizaeus Merzbacher disease; lipophilin; major myelin proteolipid protein; PLP; PMD; HLD1; MMPL; SPG2; PLP/DM20;

Gene ID

5354

mRNA Refseq

NM_000533

Protein Refseq

NP_000524

MIM

300401

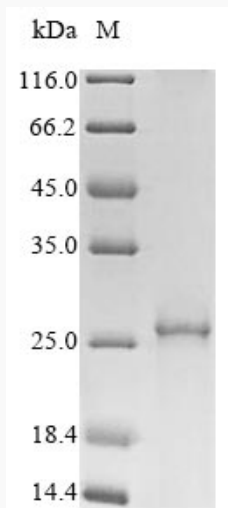
UniProt ID

P60201

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

 Email: info@creative-biomart.com  Fax: 1-631-938-8127

 45-1 Ramsey Road, Shirley, NY 11967, USA

SDS-PAGE

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

Email: info@creative-biomart.com Fax: 1-631-938-8127

45-1 Ramsey Road, Shirley, NY 11967, USA