

Recombinant Human PLP1 Protein, His-tagged

Cat. No. PLP1-10H Lot. No. (See product label)

SPECIFICATION

Product Overview	Recombinant Human PLP1 Protein(NP_000524.3)(Leu129~Phe242), fused to N-terminal His tag, was expressed in E. coli.
Species	Human
Source	E.coli
ProteinLength	Leu129~Phe242
Form	20mM Tris, 150mM NaCl, pH8.0, containing 1mM EDTA, 1mM DTT, 0.01% SKL, 5% Trehalose and Proclin300.
Molecular Mass	16kDa as determined by SDS-PAGE reducing conditions.
Endotoxin	<1.0EU per 1g (determined by the LAL method)
Purity	> 95%
Applications	Positive Control; Immunogen; SDS-PAGE; WB.
Stability	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°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.

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Storage	Avoid repeated freeze/thaw cycles. Store at 2-8°C for one month. Aliquot and store at -80°C for 12 months.
Concentration	200g/mL
Reconstitution	Reconstitute in 20mM Tris, 150mM NaCl (pH8.0) to a concentration of 0.1-1.0 mg/mL. Do not vortex.

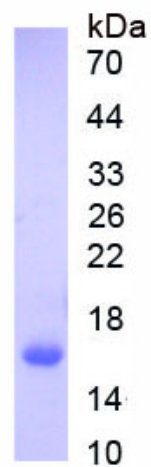
GENE INFORMATION

Gene Name	PLP1 proteolipid protein 1 [Homo sapiens]
Official Symbol	PLP1
Synonyms	PLP1; proteolipid protein 1; Pelizaeus Merzbacher disease; lipophilin; PLP; PMD; HLD1; MMPL; SPG2; PLP/DM20;
Gene ID	5354
mRNA Refseq	NM_000533.3
Protein Refseq	NP_000524.3
MIM	300401
UniProt ID	P60201

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SDS-PAGE

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