

Recombinant Oncorhynchus Mykiss PLP Protein (150-218 aa), His-tagged

Cat. No. PLP-7270 **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Recombinant Oncorhynchus Mykiss PLP Protein (150-218 aa) is produced by E. coli expression system. This protein is fused with a 6xHis tag at the N-terminal. Protein Description: Partial.
Species	Oncorhynchus Mykiss
Source	E.coli
ProteinLength	150-218 aa
Description	This is the major myelin protein from the central nervous syst. It plays an important role in the formation or maintenance of the multilamellar structure of myelin. May be involved in neuron and glial cell differentiation.
Form	Tris-based buffer, 50% glycerol
Molecular Mass	11.7 kDa
AA Sequence	PSSSSLIWHRPATTSTSWTETTPSINQHWICMDARQYGLLPWNAMPGKACGMTL ASICKTKEFFVTYD
Purity	> 90% as determined by SDS-PAGE.
Notes	Repeated freezing and thawing is not recommended. Store working aliquots at 4

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centigrade for up to one week.

Storage

The shelf life is related to many factors, storage state, buffer ingredients, storage temperature and the stability of the protein itself. Generally, the shelf life of liquid form is 6 months at -20 centigrade/-80 centigrade. The shelf life of lyophilized form is 12 months at -20 centigrade/-80 centigrade.

Concentration

A hardcopy of COA with concentration instruction is sent along with the products.

GENE INFORMATION

Gene Name

plp myelin proteolipid protein [*Oncorhynchus mykiss* (rainbow trout)]

Official Symbol

PLP

Gene ID

100136749

mRNA Refseq

NM_001124701

Protein Refseq

NP_001118173

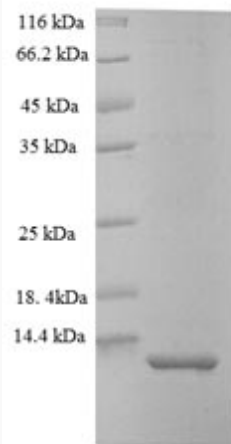
UniProt ID

P79826

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(Tris-Glycine gel) Discontinuous SDS-PAGE (reduced) with 5% enrichment gel and 15% separation gel.

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