

# Recombinant Oncorhynchus mykiss Myelin proteolipid protein(plp),partial

Catalog No: #AP70646

Package Size: #AP70646-1 20ug #AP70646-2 100ug #AP70646-3 1mg

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## Description

|                       |                                                                                                                                                                                                                                                                                                                                                                                                        |
|-----------------------|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Product Name          | Recombinant Oncorhynchus mykiss Myelin proteolipid protein(plp),partial                                                                                                                                                                                                                                                                                                                                |
| Host Species          | E.coli                                                                                                                                                                                                                                                                                                                                                                                                 |
| Purification          | Greater than 90% as determined by SDS-PAGE.                                                                                                                                                                                                                                                                                                                                                            |
| Immunogen Description | Expression Region:150-218aaSequence Info:Extracellular Domain                                                                                                                                                                                                                                                                                                                                          |
| Other Names           | DM20Lipophilin                                                                                                                                                                                                                                                                                                                                                                                         |
| Accession No.         | P79826                                                                                                                                                                                                                                                                                                                                                                                                 |
| Calculated MW         | 11.7 kDa                                                                                                                                                                                                                                                                                                                                                                                               |
| Tag Info              | N-terminal 6xHis-tagged                                                                                                                                                                                                                                                                                                                                                                                |
| Target Sequence       | PSSSSLIWHRPATTSTSWTETTPSINQHWICMDARQYGLLPWNAMPGKACGMTLASICKTKEFFVTD                                                                                                                                                                                                                                                                                                                                    |
| Formulation           | Tris-based buffer50% glycerol                                                                                                                                                                                                                                                                                                                                                                          |
| Storage               | <p>The shelf life is related to many factors, storage state, buffer ingredients, storage temperature and the stability of the protein itself.</p> <p>Generally, the shelf life of liquid form is 6 months at -20°C,-80°C. The shelf life of lyophilized form is 12 months at -20°C,-80°C.Notes:Repeated freezing and thawing is not recommended. Store working aliquots at 4°C for up to one week.</p> |

## Background

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.

## References

Cloning and expression of the proteolipid protein DM20 cDNA from the brain of the rainbow trout, Oncorhynchus mykiss.Tang S., Panno J.P., McKeown B.A.Brain Res. Mol. Brain Res. 41:134-139(1996) Research Topic:Others

Note: This product is for in vitro research use only and is not intended for use in humans or animals.