

# Recombinant human Myelin transcription factor 1 protein

Catalog No: #AP72304

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Package Size: #AP72304-1 20ug #AP72304-2 100ug #AP72304-3 1mg

## Description

Product Name	Recombinant human Myelin transcription factor 1 protein
Brief Description	Recombinant Protein
Host Species	E.coli
Purification	Greater than 90% as determined by SDS-PAGE.
Immunogen Description	Expression Region:900-1101aaSequence Info:Partial
Other Names	Myelin transcription factor I ;MyTIPLPB1;Proteolipid protein-binding protein
Accession No.	Q01538
Uniprot	Q01538
GeneID	4661;
Calculated MW	26.1 kDa
Tag Info	N-terminal 6xHis-tagged
Target Sequence	GLGHISGKYASHRSASGCPAARRQKEGSLNGSSFSWKSLKNEGPTCPTPGCDGSGHANGSFLTHRSLSGC PRATFAGKKGKLSGDEVLSPKFKTSDVLENDEEIKQLNQEIRDLNESNSEMEAMVQLQSQISSMEKLNKNIEE ENKLIIEQNEALFLELSGLSQALIQSLANIRLPHMEPICEQNFDAYVSTLTDMYSNQ
Formulation	Tris-based buffer50% glycerol
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°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.

## Background

Binds to the promoter regions of proteolipid proteins of the central nervous syst. May play a role in the development of neurons and oligodendrogalia in the CNS. May regulate a critical transition point in oligodendrocyte lineage development by modulating oligodendrocyte progenitor proliferation relative to terminal differentiation and up-regulation of myelin gene transcription.

## References

Prediction of the coding sequences of unidentified human genes. XII. The complete sequences of 100 new cDNA clones from brain which code for large proteins in vitro.Nagase T., Ishikawa K., Suyama M., Kikuno R., Hirosawa M., Miyajima N., Tanaka A., Kotani H., Nomura N., Ohara O.DNA Res. 5:355-364(1998)Research Topic:Developmental Biology

Note: This product is for in vitro research use only