

Recombinant Human MYT1 Protein (900-1101 aa), His-tagged

Cat. No. MYT1-1288H Lot. No. (See product label)

SPECIFICATION

Product Overview	Recombinant Human MYT1 Protein (900-1101 aa) is produced by E. coli expression system. This protein is fused with a 6xHis tag at the N-terminal. Research Area: Developmental Biology. Protein Description: Partial.
Species	Human
Source	E.coli
ProteinLength	900-1101 aa
Description	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.
Form	Tris-based buffer,50% glycerol
Molecular Mass	26.1 kDa
AA Sequence	GLGHISGKYASHRSASGCPLAARRQKEGSLNGSSFSWKSLKNEGPTCPTPGCDGS GHANGSFLTHRSLSGCPRATFAGKKGKLSGDEVLSPKFKTSDVLENDEEIKQLNQEI RDLNESNSEMEAMVQLQSQISSMEKNLKNIEEENKLIEEQNEALFLELSGLSQALIQ SLANIRLPHMEPICEQNFDAYVSTLTDMYSNQ

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Purity	> 90% as determined by SDS-PAGE.
Notes	Repeated freezing and thawing is not recommended. Store working aliquots at 4 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 reconstitution instruction is sent along with the products. Please refer to it for detailed information.

GENE INFORMATION

Gene Name	MYT1 myelin transcription factor 1 [Homo sapiens]
Official Symbol	MYT1
Synonyms	MYT1; PLPB1; MTF1; MYTI; C20orf36;
Gene ID	4661
mRNA Refseq	NM_004535
Protein Refseq	NP_004526
MIM	600379
UniProt ID	Q01538

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