

Recombinant Full Length Human MPZ Protein, GST-tagged

Cat. No. MPZ-6337HF **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Human MPZ full-length ORF (AAH06491.1, 1 a.a. - 258 a.a.) recombinant protein with GST-tag at N-terminal.
Species	Human
Source	In Vitro Cell Free System
ProteinLength	258 amino acids
Description	This gene encodes a major structural protein of peripheral myelin. Mutations in this gene result in the autosomal dominant form of Charcot-Marie-Tooth disease type 1 as other polyneuropathies. [provided by RefSeq
Molecular Mass	54.12 kDa
AA Sequence	MLRAPAPAPAMAPGAPSSSPILAVLLFSSLVLSPAQAIVVYTDREAHGAVGSRVTL HCSFWSSEWVSDDISFTWRYQPEGGRDAISIFHYAKGQPYIDEVGTFKERIQQWVG PRWKDGSIVIHNLDYSDNGTFTCDVKNPPDIVGKTSQVTLYVFEKVPTRYGVVLGAVI GGVLGVVLLLLLLFYVRYCWLRRQAALQRRLSAMEKGKLGKPGKDASKRGRQTPV LYAMLDHSRSTKAVSEKKAKGLGESRKDKK
Applications	Enzyme-linked Immunoabsorbent Assay Western Blot (Recombinant protein) Antibody Production Protein Array

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Notes	Best use within three months from the date of receipt of this protein.
Storage	Store at -80 centigrade. Aliquot to avoid repeated freezing and thawing.
Storage Buffer	50 mM Tris-HCl, 10 mM reduced Glutathione, pH=8.0 in the elution buffer.
GENE INFORMATION	
Gene Name	MPZ myelin protein zero [Homo sapiens]
Official Symbol	MPZ
Synonyms	MPZ; myelin protein zero; Charcot Marie Tooth neuropathy 1B , CMT1, CMT1B; myelin protein P0; HMSNIB; myelin peripheral protein; Charcot-Marie-Tooth neuropathy 1B; P0; CHM; DSS; MPP; CMT1; CMT1B; CMT2I; CMT2J; CMT4E; CMTDI3;
Gene ID	4359
mRNA Refseq	NM_000530
Protein Refseq	NP_000521
MIM	159440
UniProt ID	P25189

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