

Recombinant Full Length Human MPZ Protein

Cat. No. MPZ-314HF **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Recombinant full length Human Myelin Protein Zero protein with an N terminal proprietary tag; predicted mwt: 54.12 kDa inclusive of tag.
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 and other polyneuropathies.
Form	Liquid
Molecular Mass	54.120kDa inclusive of tags
AA Sequence	MLRAPAPAPAMAPGAPSSSPILAVLLFSSLVLSPAQAI VVYTDREAHGAVGSRVT LHCSFWSSEWVSDDISFTWRYQP EGGRDAISIFHYAKGQPYIDEVGTFKERIQWVG DPRWKDG SIVIHNLDSYDNGTFTCDVKNPDPVVGKTSQVTLYVFEKV PTRYGVVLG AVIGGVLGVLVLLLLLLFYVRYCWLRRQAAL QRRLSAMEKGKLGKPKGDASKRGRQ TPVLYAMLDHSRSTK AVSEKKAKGLGESRKDKK
Purity	Proprietary Purification

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Storage	Shipped on dry ice. Upon delivery aliquot and store at -80 centigrade. Avoid freeze / thaw cycles.
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Storage Buffer	pH: 8.00. Constituents:0.79% Tris HCl, 0.31% Glutathione.
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GENE INFORMATION

Gene Name	MPZ myelin protein zero [Homo sapiens]
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Official Symbol	MPZ
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Synonyms	MPZ; myelin protein zero; Charcot Marie Tooth neuropathy 1B , CMT1, CMT1B; myelin protein P0; HMSNIB
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Gene ID	4359
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mRNA Refseq	NM_000530
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Protein Refseq	NP_000521
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MIM	159440
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UniProt ID	P25189
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