

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 QRRLSAMEKGKLGKPGKDASKRGRQ 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.

Storage Buffer pH: 8.00. Constituents:0.79% Tris HCl, 0.31% Glutathione.

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

Gene ID 4359

mRNA Refseq NM_000530

Protein Refseq NP_000521

MIM 159440

UniProt ID P25189

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