

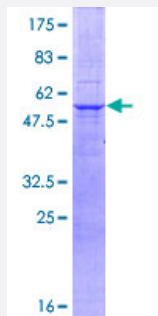
Full-Length

MPZ (Human) Recombinant Protein (P01)

Catalog # H00004359-P01

Size 25 ug, 10 ug

Applications



Specification

Product Description	Human MPZ full-length ORF (AAH06491.1, 1 a.a. - 258 a.a.) recombinant protein with GST-tag at N-terminal.
Sequence	MLRAPAPAPAMAPGAPSSSPSPILAVLLFSSLVLSPAQAMVYTDREAHGAVGSRVTLHCSFWSS EWVSDDISFTWRYQPEGGRDAISIFHYAKGQPYIDEVGTFKERIQWVGDPRWKDGSMIHNLDYSD NGTFTCDVKNPPDIVGKTSQVTLVFEKVPTRYGVVLGAVIGGVLGVVLLLLLLFYVVRWCWLRQ AALQRRLSAMEKGKLGKPGKDASKRGRQTPVLYAMLDHSRSTKAVSEKKAKGLGESRKDKK
Host	Wheat Germ (in vitro)
Theoretical MW (kDa)	54.12
Preparation Method	in vitro wheat germ expression system
Purification	Glutathione Sepharose 4 Fast Flow
Quality Control Testing	12.5% SDS-PAGE Stained with Coomassie Blue.
Storage Buffer	50 mM Tris-HCl, 10 mM reduced Glutathione, pH=8.0 in the elution buffer.
Storage Instruction	Store at -80°C. Aliquot to avoid repeated freezing and thawing.
Note	Best use within three months from the date of receipt of this protein.

Applications

- Enzyme-linked Immunoabsorbent Assay
- Western Blot (Recombinant protein)
- Antibody Production
- Protein Array

Gene Info — MPZ

Entrez GeneID	4359
GeneBank Accession#	BC006491
Protein Accession#	AAH06491.1
Gene Name	MPZ
Gene Alias	CHM, CMT1, CMT1B, CMT2I, CMT2J, CMT4E, CMTDI3, DSS, HMSNIB, MPP, P0
Gene Description	myelin protein zero
Omim ID	118200 145900 159440 180800 605253 607677 607736 607791
Gene Ontology	Hyperlink
Gene Summary	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]
Other Designations	Charcot-Marie-Tooth neuropathy 1B OTTHUMP00000032235

Pathway

- [Cell adhesion molecules \(CAMs\)](#)

Disease

- [Charcot-Marie-Tooth Disease](#)

- [Deafness](#)
- [Demyelinating Diseases](#)
- [Peripheral Nervous System Diseases](#)