

Recombinant Human MPZ

Catalog No: #GP10613



Package Size: #GP10613-1 100ug

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Description

Product Name	Recombinant Human MPZ
Brief Description	Recombinant Protein
Immunogen Description	Full length fusion protein
Target Name	myelin protein zero
Other Names	P0; CHM; DSS; MPP; CMT1; CMT1B; CMT2I; CMT2J; CMT4E; CMTDI3; CMTDID; HMSNIB
Accession No.	Swissprot:P25189Gene Accession:BC006491
Uniprot	P25189
GeneID	4359;
Storage	-20~-80°C, pH 7.6 PBS

Background

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. The myelin sheath is a multi-layered membrane, unique to the nervous system, that functions as an insulator to greatly increase the velocity of axonal impulse conduction. The P0 glycoprotein, absent in the central nervous system,[1] is a major component of the myelin sheath in peripheral nerves. It comprises a large extracellular N-terminal domain, a single transmembrane (TM) region, and a smaller positively charged intracellular domain.

References

Note: For in vitro research use only, not for diagnostic or therapeutic use. This product is not a medical device.

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