



Rat MPZ peptide (DAG-P1800)

This product is for research use only and is not intended for diagnostic use.

PRODUCT INFORMATION

Antigen 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. [provided by RefSeq, Apr 2010]
Specificity	Found only in peripheral nervous system Schwann cells.
Conjugate	Unconjugated
Sequence Similarities	Belongs to the myelin P0 protein family. Contains 1 Ig-like V-type (immunoglobulin-like) domain.
Format	Liquid
Preservative	None
Storage	Shipped at 4°C. Upon delivery aliquot and store at -20°C or -80°C. Avoid repeated freeze / thaw cycles. Information available upon request.

GENE INFORMATION

Gene Name	MPZ myelin protein zero [Homo sapiens (human)]
Official Symbol	MPZ
Synonyms	MPZ; myelin protein zero; P0; CHM; DSS; MPP; CMT1; CMT1B; CMT2I; CMT2J; CMT4E; CMTDI3; CMTDID; HMSNIB; myelin protein P0; myelin peripheral protein; Charcot-Marie-Tooth neuropathy 1B;
Entrez Gene ID	4359
mRNA Refseq	NM_000530.6
Protein Refseq	NP_000521.2

UniProt ID	P25189
Chromosome Location	1q23.3
Pathway	Cell adhesion molecules (CAMs), organism-specific biosystem; Cell adhesion molecules (CAMs), conserved biosystem; Neural Crest Differentiation, organism-specific biosystem;
Function	structural molecule activity;