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CNP Blocking Peptide (N-Term)

Synthetic peptide
Catalog # BP21577a

Specification

CNP Blocking Peptide (N-Term) - Product Information

Primary Accession P09543

CNP Blocking Peptide (N-Term) - Additional Information

Gene ID 1267

Other Names
2', 3'-cyclic-nucleotide 3'-phosphodiesterase, CNP, CNPase, CNP

Target/Specificity
The synthetic peptide sequence is selected from aa 92-106 of HUMAN CNP

Format
Peptides are lyophilized in a solid powder format. Peptides can be reconstituted in solution using the appropriate buffer as needed.

Storage
Maintain refrigerated at 2-8°C for up to 6 months. For long term storage store at -20°C.

Precautions
This product is for research use only. Not for use in diagnostic or therapeutic procedures.

CNP Blocking Peptide (N-Term) - Protein Information

Name CNP (HGNC:2158)

Function
Catalyzes the formation of 2'-nucleotide products from 2',3'- cyclic substrates (By similarity). May participate in RNA metabolism in the myelinating cell, CNP is the third most abundant protein in central nervous system myelin (By similarity).

Cellular Location
Membrane {ECO:0000250|UniProtKB:P16330}; Lipid- anchor {ECO:0000250|UniProtKB:P16330}. Melanosome. Note=Firmly bound to membrane structures of brain white matter. {ECO:0000250|UniProtKB:P16330}

CNP Blocking Peptide (N-Term) - Protocols

Provided below are standard protocols that you may find useful for product applications.

- Blocking Peptides

CNP Blocking Peptide (N-Term) - Images

CNP Blocking Peptide (N-Term) - Background

May participate in RNA metabolism in the myelinating cell, CNP is the third most abundant protein in central nervous system myelin.

CNP Blocking Peptide (N-Term) - References

Thompson R.J.,et al.Biochem. Soc. Trans. 20:621-626(1992).
Kurihara T.,et al.Biochem. Biophys. Res. Commun. 152:837-842(1988).
Monoh K.,et al.Gene 129:297-301(1993).
Douglas A.J.,et al.Ann. Hum. Genet. 56:243-254(1992).
Zody M.C.,et al.Nature 440:1045-1049(2006).