

# Recombinant Human CNP Protein, Myc/DDK-tagged, C13 and N15-labeled

**Cat. No.** CNP-3326H    **Lot. No.** (See product label)

## SPECIFICATION

<b>Product Overview</b>	CNP MS Standard C13 and N15-labeled recombinant protein (NP_149124) with a C-terminal MYC/DDK tag, was expressed in HEK293 cells.
<b>Species</b>	Human
<b>Source</b>	HEK293
<b>Description</b>	May participate in RNA metabolism in the myelinating cell, CNP is the third most abundant protein in central nervous system myelin.
<b>Molecular Mass</b>	47.6 kDa
<b>AA Sequence</b>	<p>MNRGFSRKSHFLPKIFFRKMSSSGAKDKPELQFPFLQDEDTVATLLECKTLFILRGL          PGSGKSTLARVIVDKYRDGTMVSADAYKITPGARGAFSEEYKRLDEDLAAYCRRR          DIRILVLDNHERERLEQLFEMADQYQYQVVLVEPKTAWRLDCAQLKEKNQWQLS          ADDLKKLKPGLKDFLPLYFGWFLTKKSSETLRKAGQVFLEELGNHKAFKKELRQFV          PGDEPREKMDLVTYFGKRPPGVLHCTTKFCDYGKAPGAEYAQQDVLKKSYSKAF          TLTISALFVTPKTTGARVELSEQQQLWPSVDKLSPTDNLPRGSRAHITLGCADV          EAVQTGLDLLEILRQEKGGSRGEEVGELSRGKLYSLGNRWMLTLAKNMEVRAIFT          GYYGKGKPVPTQGSRKGGALQSCTIITRTRPLEQKLISEEDLAANDILDYKDDDDKV</p>
<b>Purity</b>	> 80% as determined by SDS-PAGE and Coomassie blue staining
<b>Stability</b>	Stable for 3 months from receipt of products under proper storage and handling

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conditions.

**Storage** Store at -80 centigrade. Avoid repeated freeze-thaw cycles.

**Concentration** 50 µg/mL as determined by BCA

**Storage Buffer** 100 mM glycine, 25 mM Tris-HCl, pH 7.3.

## GENE INFORMATION

**Gene Name** [CNP 2,3-cyclic nucleotide 3 phosphodiesterase \[ Homo sapiens \(human\) \]](#)

**Official Symbol** [CNP](#)

**Synonyms** [CNP](#); [2,3-cyclic nucleotide 3 phosphodiesterase](#); [2,3-cyclic-nucleotide 3-phosphodiesterase](#); [CNPase](#); [2, 3 cyclic nucleotide 3 phosphohydrolase](#); [CNP1](#);

**Gene ID** [1267](#)

**mRNA Refseq** [NM\\_033133](#)

**Protein Refseq** [NP\\_149124](#)

**MIM** [123830](#)

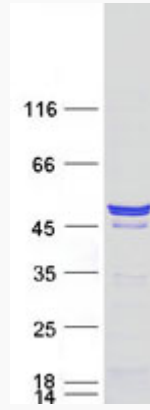
**UniProt ID** [P09543](#)

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**SDS-PAGE**



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