

Recombinant Human CNP, His-tagged

Cat. No. CNP-26838TH **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Recombinant fragment, corresponding to amino acids 4-421 of Human CNPase with N terminal His tag; 418 amino acids, 49kDa.
Species	Human
Source	E.coli
ProteinLength	4-421 a.a.
Description	2,3-Cyclic-nucleotide 3-phosphodiesterase also known as CNPase is an enzyme that in humans is encoded by the CNP gene.
Conjugation	HIS
Form	Lyophilised:Reconstitute with 43 µl distilled water.
Storage buffer	Preservative: NoneConstituents: 0.5% Trehalose, 6M Urea, 100mM Sodium phosphate, 10mM Sodium chloride, pH 4.5
Storage	Shipped at 4°C. Upon delivery aliquot and store at -80oC. Avoid freeze / thaw cycles.
Sequences of amino acids	GFSRKSHTFLPKIFFRKMSSSGAKDKPELQFPFLQDEDTV ATLLECKTLFILRGLPGS GKSTLARVIVDKYRDGTKMV SADAYKITPGARGAFSEEYKRLEDLAAYCRRRDIRI L VLDDTNHERERLEQLFEMADQYQYQVVLVEPKTAWRLDCA QLKEKNQWQLSAD DLKKLKPGLEKDFLPLYFGWFLTCK SSETLRKAGQVFLEELGNHKAFFKELRQFVP

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GDEPREK MDLVITYFGKRPPGVLHCTTKFCDYGKAPGAEEYAQQDVLK KSYSKAF
 LTISALFVTPKTTGARVELSEQQQLWLPSD VDKLSPTDNLPRGSRAHITLGCAADVE
 AVQTGLDLLEI LRQEKGGSRGEEVGELSRGKLYSLGNRWMLTLAKNMEVR AIFT
 GYYGKGKPVPTQGSRKGGALQSCTII

**Sequence
Similarities**

Belongs to the cyclic nucleotide phosphodiesterase family.

GENE INFORMATION

Gene Name CNP 2,3-cyclic nucleotide 3 phosphodiesterase [Homo sapiens]

Official Symbol CNP

Synonyms CNP; 2,3-cyclic nucleotide 3 phosphodiesterase; 2,3-cyclic-nucleotide 3-phosphodiesterase;

Gene ID 1267

mRNA Refseq NM_033133

Protein Refseq NP_149124

MIM 123830

Uniprot ID P09543

**Chromosome
Location** 17q21

Function 2,3-cyclic-nucleotide 3-phosphodiesterase activity; ATP binding; hydrolase activity; kinase activity;

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