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 SADAYKITPGARGAFSEEYKRLDEDLAAYCRRRDIRI L VLDDTNHERERLEQLFEMADQYQYQVVLVEPKTAWRLDCA QLKEKNQWQLSAD DLKKLKPGLEKDFLPLYFGWFLTKK SSETLRKAGQVFLEELGNHKAFKKELRQFVP

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	GDEPREK MDLVTYFGKRPPGVLHCTTKFCDYGKAPGAEEYAQQDVLK KSYSKAFT LTISALFVTPKTTGARVELSEQQLQLWPSD VDKLSPTDNLPRGSRAHITLGCAADVE AVQTGLDLLEI LRQEKGGSRGEEVGELSRGKLYSLGNGRWMLTLAKNMEVR 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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