

Recombinant Human CNP Protein, GST-tagged

Cat. No. CNP-1591H **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Human CNP full-length ORF (AAH01362, 1 a.a. - 421 a.a.) recombinant protein with GST-tag at N-terminal.
Species	Human
Source	Wheat Germ
Description	CNP (2',3'-Cyclic Nucleotide 3' Phosphodiesterase) is a Protein Coding gene. Diseases associated with CNP include Niemann-Pick Disease, Type A and Multiple Sclerosis, Disease Progression, Modifier Of. Among its related pathways are Neuroscience and Glial Cell Differentiation. GO annotations related to this gene include RNA binding and cyclic nucleotide binding.
Molecular Mass	72.05 kDa
AA Sequence	MNRGFSRKSHTFLPKIFFRKMSSSGAKDKPELQFPFLQDEDTVATLLECKTLFILRGL PGSGKSTLARVIVDKYRDGTMVSADAYKITPGARGAFSEEYKRLDEDLAAYCRRR DIRILVLDDTNHERERLEQLFEMADQYQYQVVLVEPKTAWRLDCAQLKEKNQWQLS ADDLKKLKPGLKDFLPLYFGWFLTKKSSETLRKAGQVFLEELGNHKAFKKELRQFV PGDEPREKMDLVTYFGKRPPGVLHCTTKFCDYGKAPGAE EYAQQDVLKKSYSKAF TLTISALFVTPKTTGARVELSEQQQLLWPSVDKLSPTDNLPRGSRAHITLGCADV EAVQTGLDLLEILRQEKGGSRGEEVGELSRGKLYSLGNRWMLTLAKNMEVRAIFT GYYGKGKPVPTQGSRKGGALQSCTII
Applications	Enzyme-linked Immunoabsorbent Assay

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Western Blot (Recombinant protein)
 Antibody Production
 Protein Array

Notes	Best use within three months from the date of receipt of this protein.
Storage	Store at -80 centigrade. Aliquot to avoid repeated freezing and thawing.
Storage Buffer	50 mM Tris-HCl, 10 mM reduced Glutathione, pH=8.0 in the elution buffer.

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; 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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Quality Control

Testing:

12.5% SDS-PAGE Stained with Coomassie Blue.

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