

Recombinant Full Length Human CNP Protein, GST-tagged

Cat. No. CNP-1914HF 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 In Vitro Cell Free System

ProteinLength 421 amino acids

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

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MNRGFSRKSHTFLPKIFFRKMSSSGAKDKPELQFPFLQDEDTVATLLECKTLFILRGL
PGSGKSTLARVIVDKYRDGTKMVSADAYKITPGARGAFSEEYKRLDEDLAAYCRRR
DIRILVLDDTNHERERLEQLFEMADQYQYQVVLVEPKTAWRLDCAQLKEKNQWQLS
ADDLKKLKPGLEKDFLPLYFGWFLTKKSSETLRKAGQVFLEELGNHKAFKKELRQFV
PGDEPREKMDLVTYFGKRPPGVLHCTTKFCDYGKAPGAE EYAQQDVLKKSYSKAF
TLTISALFVTPKTTGARVELSEQQQLLWPSVDKLSPTDNLPRGSRAHITLGC AADV
EAVQTGLDLLEILRQEKGGSRGEEV GELSRGKLYSLGNRWMLTLAKNMEVRAIFT
GYYGKGKPVPTQGSRKGGALQSCTII
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Applications	Enzyme-linked Immunoabsorbent Assay 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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