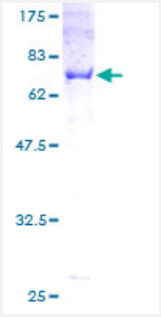
Full-Length

CNP (Human) Recombinant Protein (P01)

Catalog # H00001267-P01 Size 25 ug, 10 ug

Applications



Specification

Product Description	Human CNP full-length ORF (AAH01362, 1 a.a. - 421 a.a.) recombinant protein with GST-tag at N-terminal.
Sequence	MNRGFSRKSHTFLPKIFFRKMSSSGAKDKPELQFPFLQDEDTVATLLECKTLFILRGLPGSGKSTL ARVIVDKYRDGTKMVSADAYKITPGARGAFSEEYKRLDEDLAAYCRRRDIRILVLDDTNHERERLE QLFEMADQYQYQVVLVEPKTAWRLDCAQLKEKNQWQLSADDLKKLKPGLEKDFLPLYFGWFLT KKSSETLRKAGQVFLEELGNHKAFKKELRQFVPGDEPREKMDLVTYFGKRPPGVLHCTTKFCDY GKAPGAEEYAQQDVLKKSYSKAFTLTISALFVTPKTTGARVELSEQQLQLWPSDVDKLSPTDNLP RGSRAHITLGCAADVEAVQTGLDLLEILRQEKGGSRGEEVGELSRGKLYSLGNGRWMLTLAKNM EVRAIFTGYYGKGKPVPTQGSRKGGALQSCTII
Host	Wheat Germ (in vitro)
Theoretical MW (kDa)	72.05
Preparation Method	*in vitro* wheat germ expression system
Purification	Glutathione Sepharose 4 Fast Flow
Quality Control Testing	12.5% SDS-PAGE Stained with Coomassie Blue.
Storage Buffer	50 mM Tris-HCl, 10 mM reduced Glutathione, pH=8.0 in the elution buffer.
Storage Instruction	Store at -80°C. Aliquot to avoid repeated freezing and thawing.

Note	Best use within three months from the date of receipt of this protein.

Applications

- Enzyme-linked Immunoabsorbent Assay
- Western Blot (Recombinant protein)
- Antibody Production
- Protein Array

Gene Info — CNP

Entrez GeneID	1267
GeneBank Accession#	BC001362
Protein Accession#	AAH01362
Gene Name	CNP
Gene Alias	CNP1
Gene Description	2',3'-cyclic nucleotide 3' phosphodiesterase
Omim ID	123830
Gene Ontology	Hyperlink
Gene Summary	O
Other Designations	2', 3' cyclic nucleotide 3' phosphohydrolase

Publication Reference

- Characterization of an RNA-cleaving deoxyribozyme with optimal activity at pH 5.

  Kandadai SA, Mok WW, Ali MM, Li Y.

  Biochemistry 2009 Aug; 48(31):7383.

  Application: Func, DNA

Disease

- Alzheimer disease
- Bipolar Disorder
- Cardiovascular Diseases
- Depressive Disorder
- Diabetes Complications
- Diabetes Mellitus
- Edema
- Genetic Predisposition to Disease
- Hypertension
- Metabolic Syndrome X
- Neoplasms
- Osteoporosis
- Schizophrenia