

2',3'-Cyclic Nucleotide 3'-Phosphodiesterase Recombinant Protein | CNP recombinant protein

Recombinant 2',3'-Cyclic Nucleotide 3'-Phosphodiesterase (CNP)

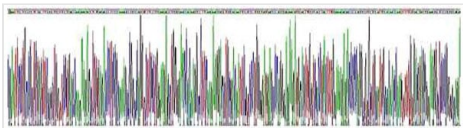
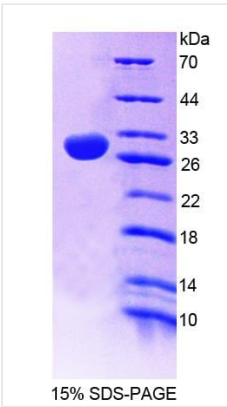
CATALOG # AAA145404	HOST E.coli	REACTIVITY Homo sapiens (Human)	APPLICATIONS Western Blot, SDS-Page
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PRODUCT SYNONYMS

2', 3'-Cyclic Nucleotide 3'-Phosphodiesterase; Recombinant 2', 3'-Cyclic Nucleotide 3'-Phosphodiesterase (CNP); 2, 3CNP; 3-CNP; CNPCNP1; Cyclic-CMP Phosphodiesterase; 3'-Cyclic AMP Phosphodiesterase; CNPase; 2':3'-CNMP-3'-ase; CNP recombinant protein

PRODUCT SPECIFICATIONS

Host	E.coli
Reactivity	Homo sapiens (Human)
Purity/Purification	> 97%
Form/Format	100mM NaHCO ₃ , 500mM NaCl, pH8.3, containing 0.01% SKL, 5% Trehalose.
Concentration	Original Concentration: 200ug/mL (varies by lot)
Applicable Applications for CNP recombinant protein	WB (Western Blot), SDS-PAGE, Immunogen, Positive Control
Source	Prokaryotic expression
Residues	Leu186~Ile421
Tags	N-terminal His Tag
Subcellular Location	Membrane
Traits	Freeze-dried powder
Predicted isoelectric point	9.3
Usage	Reconstitute in ddH ₂ O to a concentration of 0.1-1.0 mg/mL. Do not vortex.
Preparation and Storage	Storage: Avoid repeated freeze/thaw cycles. Store at 2-8 degree C for one month. Aliquot and store at -80 degree C for 12 months. Stability Test: The thermal stability is described by the loss rate. The loss rate was determined by accelerated thermal degradation test, that is, incubate the protein at 37 degree C for 48h, and no obvious degradation and precipitation were observed. The loss rate is less than 5% within the expiration date under appropriate storage condition.



Gene Sequence
Gene Sequencing (extract)

SDS-PAGE

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TLRKAGQVFL EELGNHKAFK KELRQFVPGD EPREKMDLVT YFGKRPPGVL  
HCTTKFCQYG KAPGAEYYAQ QDVLKKSYSK AFLTLISALF VTPKTTGARV  
ELSEQQLQLW PSDVDKLSPT DNLPRGSRH ITLGCAADVE AVQTGLDLLE  
ILRQEKGGSR GEEVGELSRG KLYSLGNRHH MLTLAKNMEV RAIFTQYYGK  
GKPVPTQGSR KGGALQSCIT I
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Sequence

NCBI AND UNIPROT INFORMATION

NCBI GI #	57977323
NCBI GeneID	25275
NCBI Accession #	NP_036941.1
NCBI GenBank Nucleotide #	NM_012809.2
Molecular Weight	Predicted Molecular Mass: 29.8kDa Accurate Molecular Mass: 30kDa as determined by SDS-PAGE reducing conditions
NCBI Official Full Name	2',3'-cyclic-nucleotide 3'-phosphodiesterase
NCBI Official Synonym Full Names	2',3'-cyclic nucleotide 3' phosphodiesterase
NCBI Official Symbol	Cnp
NCBI Official Synonym Symbols	CNPF; CNPI; Cnp1; CNPII
NCBI Protein Information	2',3'-cyclic-nucleotide 3'-phosphodiesterase
UniProt Protein Name	2',3'-cyclic-nucleotide 3'-phosphodiesterase
UniProt Gene Name	Cnp
UniProt Synonym Gene Names	Cnp1; CNP; CNPase
UniProt Entry Name	CN37_RAT

For Research Use Only. Not for use in diagnostic or therapeutic procedures. Small volumes of product may become entrapped in the seal of the vial during shipment and storage; if necessary, briefly centrifuge the vial on a tabletop centrifuge to dislodge any liquid in the cap.