

Product datasheet for TP307038

CNPase (CNP) (NM_033133) Human Recombinant Protein

Product data:

Product Type:	Recombinant Proteins
Description:	Recombinant protein of human 2',3'-cyclic nucleotide 3' phosphodiesterase (CNP), 20 µg
Species:	Human
Expression Host:	HEK293T
Expression cDNA Clone or AA Sequence:	>RC207038 protein sequence Red=Cloning site Green=Tags(s)

MNRGFSRKSHFTLPKIFFRKMSSSGAKDKPELQFPFLQDEDTVATLLECKTLFILRGLPGSGKSTLARVI
VDKYRDGTKMVSADAYKITPGARGAFSEYKRLDEDLAAYCRRRDIRILVLDLDTNHERERLEQLFEMADQ
YQYQWLVPEKTAWRDLCAQLKEKNQWQLSADDLKKLPGLEKDFLPLYFGWFLTKKSETLRKAGQVFL
EELGNHKAFFKELRQFVPGDEPREKMDLVTYFGKRPPGVLHCTTKFCDYGKAPGAEYYAQQDVLKKSYSK
AFTLTISALFVTPKTTGARVELSEQQLQLWPSDVKLSPTDNLPRGSRAHITLGAADVEAVQTGLDLLE
ILRQEKGGSRGEEVGELSRGKLYSLGNRWMLTLAKNMEVRAIFTGYYGKGPVPTQGSRKGGALQSCTI
I

TRTRPLEQKLISEEDLAANDILDYKDDDDKV

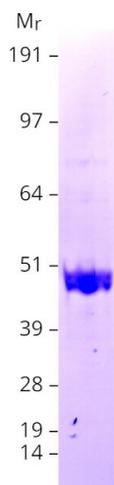
Tag:	C-Myc/DDK
Predicted MW:	47.4 kDa
Concentration:	>0.1 µg/µL as determined by microplate BCA method
Purity:	> 80% as determined by SDS-PAGE and Coomassie blue staining
Buffer:	25 mM Tris-HCl, 100 mM glycine, pH 7.3, 10% glycerol
Bioactivity:	Enzyme activity (PMID: 25998049)
Preparation:	Recombinant protein was captured through anti-DDK affinity column followed by conventional chromatography steps.
Note:	For testing in cell culture applications, please filter before use. Note that you may experience some loss of protein during the filtration process.
Storage:	Store at -80°C.
Stability:	Stable for 12 months from the date of receipt of the product under proper storage and handling conditions. Avoid repeated freeze-thaw cycles.



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RefSeq:	NP_149124
Locus ID:	1267
UniProt ID:	P09543
RefSeq Size:	5222
Cytogenetics:	17q21.2
RefSeq ORF:	1263
Synonyms:	CNP1
Summary:	May participate in RNA metabolism in the myelinating cell, CNP is the third most abundant protein in central nervous system myelin.[UniProtKB/Swiss-Prot Function]

Product images:



Coomassie blue staining of purified CNP protein (Cat# TP307038). The protein was produced from HEK293T cells transfected with CNP cDNA clone (Cat# [RC207038]) using MegaTran 2.0 (Cat# [TT210002]).