

Product datasheet for **TP307038M**

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), 100 µg
Species:	Human
Expression Host:	HEK293T
Expression cDNA Clone or AA Sequence:	>RC207038 protein sequence Red =Cloning site Green =Tags(s)
	<p>MNRGFSRKSHFTLPKIFFRKMSSSGAKDKPELQFPFLQDEDTVATLLECKTLFILRGLPGSGKSTLARVI VDKYRDGTMVSADAYKITPGARGAFSEEYKRLDEDLAAYCRRRDIRILVDDTNHERERLEQLFEMADQ YQYQVVLVEPKTAWRLDCAQLKEKNQWQLSADDLKKLPGLEKDFLPLYFGWFLTKKSSETLRKAGQVFL EELGNHKAFFKELRQFVPGDEPREKMDLVTYFGKRPPGVLHCTTKFCDYGKAPGAEYYAQQDVLKKSYSK AFTLTISALFVTPKTTGARVELSEQQLQLWPSDVKLSPTDNLPRGSRAHITLGAADVEAVQTGLDLLE ILRQEKGGSRGEEVGELSRGKLYSLGNRWMLTLAKNMEVRAIFTGYYGKGKPVPTQGSRKGGALQSCTI I</p> <p>TRTRPLEQKLISEEDLAANDILDYKDDDDKV</p>
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.



[View online »](#)

RefSeq: [NP_149124](#)

Locus ID: 1267

UniProt ID: [P09543](#)

RefSeq Size: 5222

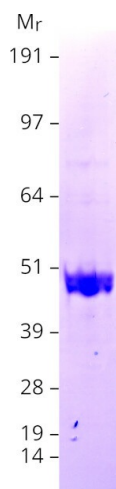
Cytogenetics: 17q21.2

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]).