

Product datasheet for PH307038

CNPase (CNP) (NM_033133) Human Mass Spec Standard

Product data:

Product Type:	Mass Spec Standards
Description:	CNP MS Standard C13 and N15-labeled recombinant protein (NP_149124)
Species:	Human
Expression Host:	HEK293
Expression cDNA Clone or AA Sequence:	RC207038
Predicted MW:	47.6 kDa
Protein Sequence:	>RC207038 protein sequence Red=Cloning site Green=Tags(s)
	MNRGFSRKSHTFLPKIFFFRKMSSSGAKDKPELQFPFLQDEDTVATLLECKTLFILRGLPGSGKSTLARVI VDKYRDGTMVSADAYKITPGARGAFSEYKRLDEDLAAYCRRRDIRILVLDDTNHERERLEQLFEMADQ YQYQVVLVEPKTAWRLDCAQLKEKNQWQLSADDLKKLKPGLKDFLPLYFGWFLTKKSSETLRKAGQVFL EELGNHKAFFKELRQFVPGDEPREKMDLVTYFGKRPPGVLHCTTKFCDYGKAPGAEEYAQQDVLKKSYSK AFTLTISALFVTPKTTGARVELSEQLQLWPSDVVKLSPTDNLPRGSRAHITLGCADVEAVQTGLDLLE ILRQEKGGSRGEEVGELSRGKLYSLGNRWMLTLAKNMEVRAIFTGYYGKGPVPTQGSRKGALQSCTI I
	TRTRPLEQKLISEEDLAANDILDYKDDDDKV
Tag:	C-Myc/DDK
Purity:	> 80% as determined by SDS-PAGE and Coomassie blue staining
Concentration:	>0.05 µg/µL as determined by microplate BCA method
Labeling Method:	Labeled with [U- ¹³ C ₆ , ¹⁵ N ₄]-L-Arginine and [U- ¹³ C ₆ , ¹⁵ N ₂]-L-Lysine
Buffer:	25 mM Tris-HCl, 100 mM glycine, pH 7.3
Storage:	Store at -80°C. Avoid repeated freeze-thaw cycles.
Stability:	Stable for 3 months from receipt of products under proper storage and handling conditions.
RefSeq:	NP_149124
RefSeq Size:	5222
RefSeq ORF:	1263
Synonyms:	CNP1



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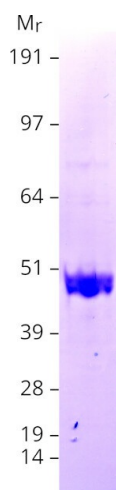
Locus ID: 1267

UniProt ID: [P09543](#)

Cytogenetics: 17q21.2

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]).