

# Product Datasheet

## Recombinant Human CNPase GST (N-Term) Protein H00001267-P01-10ug

Unit Size: 10 ug

Store at -80C. Avoid freeze-thaw cycles.

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**H00001267-P01-10ug**

## Recombinant Human CNPase GST (N-Term) Protein

Product Information	
Unit Size	10 ug
Concentration	Please see the vial label for concentration. If unlisted please contact technical services.
Storage	Store at -80C. Avoid freeze-thaw cycles.
Preservative	No Preservative
Purity	>80% by SDS-PAGE and Coomassie blue staining
Buffer	50 mM Tris-HCl, 10 mM reduced Glutathione, pH 8.0 in the elution buffer.
Target Molecular Weight	72.05 kDa
Product Description	
Description	<p>A recombinant protein with GST tag at N-terminal corresponding to the amino acids 1-421 of Human CNP</p> <p><b>Source:</b> <i>Wheat Germ (in vitro)</i></p> <p><b>Amino Acid Sequence:</b>  MNRGFSRKSHITFLPKIFFRKMSSSGAKDKPELQFPFLQDEDTVATLLECKTLFIL  RGLPGSGKSTLARVIVDKYRDGTKMVSADAYKITPGARGAFSEEYKRLDEDLA  AYCRRRDIRILVLDDTNHERERLEQLFEMADQYQYQVVLVEPKTAWRLDCAQL  KEKNQWQLSADDLKKLPGLEKDFLPLYFGWFLTKKSSETLRKAGQVFLEELG  NHKAFKKELRQFVPGDEPREKMDLVITYFGKRPPGVLHCTTKFCDYGKAPGAE  EYAQQDVLKKSYSKAFTLTISALFVTPKTTGARVELSEQQLQLWPSDVKLSPT  DNLPRGSRAHITLGAADVEAVQTGLDLLEILRQEKGGSRGEEVVELSRGKLY  SLGNRWMLTLAKNMEVRAIFTGYGKGPVPTQGSRKGGALQSCTII</p>
Gene ID	1267
Gene Symbol	CNP
Species	Human
Preparation Method	in vitro wheat germ expression system
Details of Functionality	This protein was produced in an in vitro wheat germ expression system that should preserve correct conformational folding that is necessary for biological function. While it is possible that this protein could display some level of activity, the functionality of this protein has not been explicitly measured or validated.
Notes	This product is produced by and distributed for Abnova, a company based in Taiwan.
Product Application Details	
Applications	Western Blot, ELISA, Protein Array, SDS-Page, Immunoaffinity Purification
Recommended Dilutions	Western Blot, ELISA, SDS-Page, Protein Array, Immunoaffinity Purification

## Images

SDS-Page: Recombinant Human CNPase Protein [H00001267-P01] - 12.5% SDS-PAGE Stained with Coomassie Blue.



## Publications

Kandadai SA, Mok WW, Ali MM et al. Characterization of an RNA-cleaving deoxyribozyme with optimal activity at pH 5. *Biochemistry*;48(31):7383-91. 2009-08-11 [PMID: 19583262]



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### **Products Related to H00001267-P01-10ug**

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NBP1-85995PEP	CNPase Recombinant Protein Antigen
NB300-141	GFAP Antibody
NBP2-46617	CNPase Antibody (CL2887)
NB600-717	MBP Antibody (12)

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### **Limitations**

This product is for research use only and is not approved for use in humans or in clinical diagnosis. Peptides and proteins are guaranteed for 3 months from date of receipt.

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