

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

**SIPC720Hu01**

**Homo sapiens (Human)**

<b>Source</b>	Prokaryotic expression
<b>Host</b>	E.coli
<b>Endotoxin Level</b>	<1.0EU per 1µg (determined by the LAL method)
<b>Subcellular Location</b>	Membrane
<b>Predicted Molecular Mass</b>	29.8kDa
<b>Accurate Molecular Mass</b>	30kDa(Analysis of differences refer to the manual)
<b>Residues &amp; Tags</b>	Leu186~Ile421 with N-terminal His Tag
<b>Buffer Formulation</b>	20mM Tris, 150mM NaCl, pH8.0, containing 1mM EDTA, 1mM DTT, 0.01% SKL, 5% Trehalose and Proclin300.
<b>Traits</b>	Freeze-dried powder
<b>Purity</b>	> 97%
<b>Isoelectric Point</b>	9.3
<b>Applications</b>	Positive Control; Immunogen; SDS-PAGE; WB.

## SEQUENCE

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                                LPLYF GWFLTCKKSSSE  
TLRKAGQVFL EELGNHKAFK KELRQFVPGD EPREKMDLVT YFGKRPPGVL  
HCTTKFCDYG KAPGAE EYAQ QDVLKKSYSK AFTLTISALF VTPKTTGARV  
ELSEQQLQLW PSDVDKLSPT DNLPRGSR AH ITLGCAADVE AVQTGLDLLE  
ILRQEKGGSR GEEVGELSRG KLYSLGNRW MLTLAKNMEV RAIFTGYYGK  
GKPVPTQGSR KGGALQSCTI I
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## USAGE

Reconstitute in 20mM Tris, 150mM NaCl (pH8.0) to a concentration of 0.1-1.0 mg/mL.  
Do not vortex.



