

Recombinant Rat Cpped1 protein, His & T7-tagged

Cat. No. Cpped1-1122R **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Recombinant Rat Cpped1 aa. (Arg101~Glu312 (Accession # Q66H71) fused with N-terminal His & T7 tag was produced in E. coli cells.
Species	Rat
Source	E.coli
ProteinLength	Arg101~Glu312
Form	Freeze-dried powder
Molecular Mass	Predicted Molecular Mass: 27.9kDa.
Endotoxin	<1.0EU per 1g (determined by the LAL method)
Purity	>95%
Characteristic	The isoelectric point is 5.3.
Applications	SDS-PAGE; WB; ELISA; IP.
Stability	The thermal stability is described by the loss rate of the target protein. The loss rate was determined by accelerated thermal degradation test, that is, incubate the protein at 37°C for 48h, and no obvious degradation and precipitation were observed. (Referring from China Biological Products Standard, which was calculated by the

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	Arrhenius equation.) The loss of this protein is less than 5% within the expiration date under appropriate storage condition.
Storage	Avoid repeated freeze/thaw cycles. Store at 2-8°C for one month. Aliquot and store at -80°C for 12 months.
Storage buffer	Supplied as lyophilized form in 20mM Tris, 150mM NaCl, pH8.0, containing 1mM EDTA, 1mM DTT, 0.01% sarcosyl, 5% trehalose, and preservative.
Reconstitution	Reconstitute in sterile ddH ₂ O.

GENE INFORMATION

Gene Name	Cpped1 calcineurin-like phosphoesterase domain containing 1 [Rattus norvegicus (Norway rat)]
Official Symbol	Cpped1
Synonyms	Cpped1; calcineurin-like phosphoesterase domain containing 1; RGD1306568; serine/threonine-protein phosphatase CPPED1; calcineurin-like phosphoesterase domain-containing protein 1
Gene ID	302890
mRNA Refseq	NM_001013963.1
Protein Refseq	NP_001013985.1
UniProt ID	Q66H71

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