

Recombinant Rat Caps2 protein, His & T7-tagged

Cat. No. Caps2-1720R **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Recombinant Rat Caps2 aa. (Pro49~Ile287 (Accession # D3ZRP1)) fused with N-terminal His & T7 tag was produced in E. coli cells.
Species	Rat
Source	E.coli
ProteinLength	Pro49~Ile287
Form	Freeze-dried powder
Molecular Mass	35kDa as determined by SDS-PAGE reducing conditions.
Endotoxin	<1.0EU per 1ug (determined by the LAL method)
Purity	>90%
Applications	SDS-PAGE; WB; ELISA; IP.
Stability	The thermal stability is described by the loss rate. 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. The loss rate 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

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-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 ddH₂O.

Isoelectric Point

5.4

GENE INFORMATION

Gene Name

Caps2 calcyphosine 2 [*Rattus norvegicus* (Norway rat)]

Official Symbol

Caps2

Synonyms

Caps2; calcyphosine 2; calcyphosin-2

Gene ID

366891

mRNA Refseq

NM_001108990.1

Protein Refseq

NP_001102460.1

UniProt ID

D3ZRP1

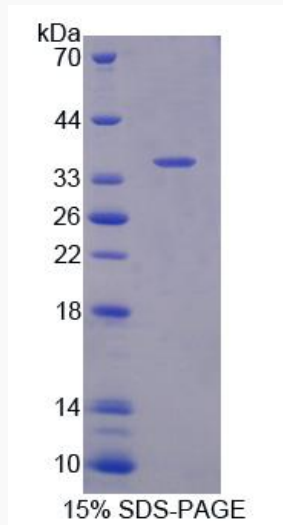
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SDS-PAGE



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