

Recombinant Rat Capn11 protein, His & T7-tagged

Cat. No. Capn11-1719R **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Recombinant Rat Capn11 aa. (Met1~Leu214 (Accession # Q4V8Q1)) fused with N-terminal His & T7 tag was produced in E. coli cells.
Species	Rat
Source	E.coli
ProteinLength	Met1~Leu214
Description	Member of the serine protease family.
Form	Freeze-dried powder
Molecular Mass	Predicted Molecular Mass: 28.1kDa
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.

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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.
Isoelectric Point	7.7

GENE INFORMATION

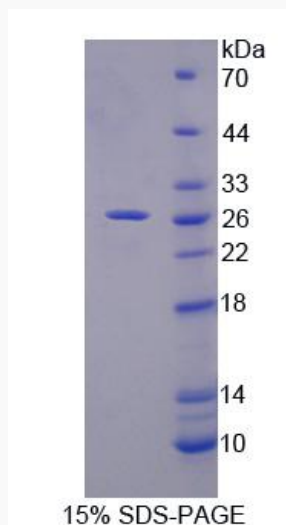
Gene Name	Capn11 calpain 11 [Rattus norvegicus (Norway rat)]
Official Symbol	Capn11
Synonyms	Capn11; calpain 11; CANP 11; calcium-activated neutral proteinase 11; capn11
Gene ID	408218
mRNA Refseq	NM_001002806.2
Protein Refseq	NP_001002806.2
UniProt ID	Q4V8Q1

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SDS-PAGE



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