

Recombinant Mouse Capn1 protein, His-tagged

Cat. No. Capn1-2030M **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Recombinant Mouse Capn1 aa. (Tyr387~Asp694 (Accession # O35350)) fused with N-terminal His tag was produced in E. coli cells.
Species	Mouse
Source	E.coli
ProteinLength	Tyr387~Asp694
Form	Freeze-dried powder
Molecular Mass	Predicted Molecular Mass: 37.5kDa
Endotoxin	<1.0EU per 1g (determined by the LAL method)
Purity	>95%
Characteristic	The isoelectric point is 5.9.
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.

 Tel: 1-631-559-9269 1-516-512-3133

 Email: info@creative-biomart.com  Fax: 1-631-938-8127

 45-1 Ramsey Road, Shirley, NY 11967, USA

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 PBS, pH7.4, containing 5% sucrose, 0.01% sarcosyl.
Reconstitution	Reconstitute in sterile PBS, pH7.2-pH7.4.

GENE INFORMATION

Gene Name	Capn1 calpain 1 [Mus musculus (house mouse)]
Official Symbol	Capn1
Synonyms	Capa1; Capa-1; mu-calpin; CANP 1; calcium-activated neutral proteinase 1; calpain mu-type; calpain-1 large subunit; micromolar-calpain; mu-calpain; muCANP; calpain-1 catalytic subunit
Gene ID	12333
mRNA Refseq	NM_001110504.1
Protein Refseq	NP_001103974.1
UniProt ID	O35350

 Tel: 1-631-559-9269 1-516-512-3133

 Email: info@creative-biomart.com  Fax: 1-631-938-8127

 45-1 Ramsey Road, Shirley, NY 11967, USA