

Recombinant Mouse Capns2 Protein, Myc/DDK-tagged

Cat. No. Capns2-1954M **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Purified recombinant protein of mouse full-length calpain, small subunit 2 (Capns2), with C-terminal MYC/DDK tag, expressed in HEK293T cells.
Species	Mouse
Source	HEK293
Description	Calcium-regulated non-lysosomal thiol-protease which catalyzes limited proteolysis of substrates involved in cytoskeletal remodeling and signal transduction. This small subunit may act as a tissue-specific chaperone of the large subunit, possibly by helping it fold into its correct conformation for activity.
Molecular Mass	27.6 kDa
Purity	> 80% as determined by SDS-PAGE and Coomassie blue staining
Stability	Stable for 12 months from the date of receipt of the product under proper storage and handling conditions. Avoid repeated freeze-thaw cycles.
Storage	Store at -80 centigrade after receiving vials.
Concentration	>50 µg/mL as determined by microplate BCA method
Storage Buffer	25 mM Tris.HCl, pH 7.3, 100 mM glycine, 10% glycerol.

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GENE INFORMATION

Gene Name	Capns2 calpain, small subunit 2 [Mus musculus (house mouse)]
Official Symbol	Capns2
Synonyms	CAPNS2; calpain, small subunit 2; calpain small subunit 2; CSS2; calcium-dependent protease small subunit 2; 30K-2; 2310005G05Rik
Gene ID	69543
mRNA Refseq	NM_027112
Protein Refseq	NP_081388
UniProt ID	Q9D7J7

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