

Recombinant Human CAPNS2 Protein, Myc/DDK-tagged, C13 and N15-labeled

Cat. No. CAPNS2-6041H **Lot. No.** (See product label)

SPECIFICATION

Product Overview	CAPNS2 MS Standard C13 and N15-labeled recombinant protein (NP_115706) with a C-terminal MYC/DDK tag, was expressed in HEK293 cells.
Species	Human
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	27.7 kDa
AA Sequence	MFLAKALLEGADRGLGEALGGLFGGGGQRREGGGRNIGGIVGGIVNFISEAAAAQY TPEPPPTQQHFTSVEASESEEVRRFRQQFTQLAGPDMEVGATDLMNINLVLSKHK DLKTDGFSLDTCRSIVSVMDSDDTGKLGFEFEFKYLWNNIKKWQCVYKQYDRDHSGS LGSSQLRGALQAAGFQLNEQLYQMIVRRYANEDGDMDFNNFISCLVRLDAMFRAFK SLDRDRDGLIQVSIKEWLQLTMYSTRTRPLEQKLISEEDLAANDILDYKDDDDKV
Purity	> 80% as determined by SDS-PAGE and Coomassie blue staining
Stability	Stable for 3 months from receipt of products under proper storage and handling conditions.

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Storage	Store at -80 centigrade. Avoid repeated freeze-thaw cycles.
Concentration	50 µg/mL as determined by BCA
Storage Buffer	100 mM glycine, 25 mM Tris-HCl, pH 7.3.

GENE INFORMATION

Gene Name	CAPNS2 calpain small subunit 2 [Homo sapiens (human)]
Official Symbol	CAPNS2
Synonyms	CAPNS2; calpain, small subunit 2; calpain small subunit 2; MGC12536; MGC14804; CSS2; calcium-dependent protease small subunit 2;
Gene ID	84290
mRNA Refseq	NM_032330
Protein Refseq	NP_115706
MIM	616767
UniProt ID	Q96L46

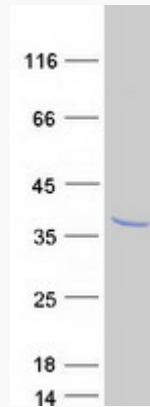
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SDS-PAGE



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