

Recombinant Human CAPNS2 Protein, GST-Tagged

Cat. No. CAPNS2-0375H **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Human CAPNS2 full-length ORF (AAH05397, 1 a.a. - 248 a.a.) recombinant protein with GST-tag at N-terminal.
Species	Human
Source	Wheat Germ
Description	CAPNS2 (Calpain Small Subunit 2) is a Protein Coding gene. Among its related pathways are Degradation of the extracellular matrix and Neurodegenerative Diseases. GO annotations related to this gene include calcium ion binding and calcium-dependent cysteine-type endopeptidase activity. An important paralog of this gene is CAPNS1.
Molecular Mass	53.02 kDa
AA Sequence	MFLAKALLEGADRGLGEALGGLFGGGGQRREGGGRNIGGIVGGIVNFISEAAAAQY TPEPPPTQQHFTSVEASESEEVRRFRQQFTQLAGPDMEVGATDLMNILNKVLSKHK DLKTDGFSLDTCRSIVSVMDSDDTGKLGFEFEFKYLWNNIKKWQCVYKQYDRDHSGS LGSSQLRGALQAAGFQLNEQLYQMIVRRYANEDGDMDFNNFISCLVRLDAMFRAFK SLDRDRDGLIQVSIKEWLQLTMYS
Applications	Enzyme-linked Immunoabsorbent Assay Western Blot (Recombinant protein) Antibody Production Protein Array

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Storage Store at -80 centigrade. Aliquot to avoid repeated freezing and thawing.

Storage Buffer 50 mM Tris-HCl, 10 mM reduced Glutathione, pH=8.0 in the elution buffer.

GENE INFORMATION

Gene Name CAPNS2 calpain, small subunit 2 [Homo sapiens]

Official Symbol CAPNS2

Synonyms CAPNS2; calpain, small subunit 2; calpain small subunit 2; MGC12536; MGC14804; CSS2; calcium-dependent protease small subunit 2;

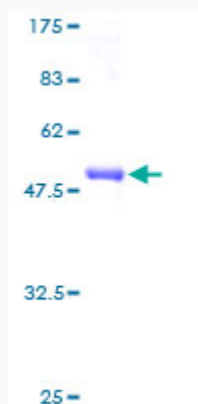
Gene ID 84290

mRNA Refseq NM_032330

Protein Refseq NP_115706

UniProt ID Q96L46

Quality Control Testing



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12.5% SDS-PAGE Stained with Coomassie Blue.

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