

Calpain-1 catalytic subunit Recombinant Protein | Capn1 recombinant protein

Recombinant Mouse Calpain-1 catalytic subunit

CATALOG #
AAA115847

HOST
E Coli or Yeast or Baculovirus or Mammalian Cell

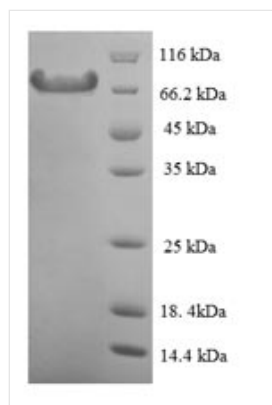
PRODUCT SYNONYMS

Calpain-1 catalytic subunit; Recombinant Mouse Calpain-1 catalytic subunit; Calcium-activated neutral proteinase 1; CANP 1; Calpain mu-type; Calpain-1 large subunit; Micromolar-calpain; muCANP; Capn1 recombinant protein

PRODUCT SPECIFICATIONS

Host	E Coli or Yeast or Baculovirus or Mammalian Cell
Purity/Purification	Greater or equal to 85% purity as determined by SDS-PAGE.
Form/Format	Lyophilized or liquid (Format to be determined during the manufacturing process)
Sequence Positions	1-713aa; Full Length
Sequence	MTEELITPVY CTGVSAQVQK KRDKEGLGR HENAIKYLQ DYETLRARCL QSGVLFQDEA FPPVSHSLGF KELGPHSSKT YGIKWKRPTE LMSNPQFIVD GATRTDICQG ALGDCWLLAA IASLTNETI LHRVVPYQGS FQDGYAGIFH FQLWQFGEWV DVVIDDLLPT KDGKLVFVHS AQGNEFWSAL LEKAYAKVNG SYEALSGGCT SEAFEDFTGG VTEWYDLQKA PSDLYQIILK ALERGSLLGC SINISDIRDL EAITFKNLVR GHAYSVTGAK QVTYQGQRVN LIRMRNPWGE VEWKGPWSDS SYEWNKVDPY EREQLRVKME DGEFWMSFRD FIREFTKLEI CNLTPDALKS RTLRNWNTTF YEGTWRRGST AGGCRNYPAT FWVNPQFKIR LEEVDDADDY DNRESGCSFL LALMQKHRRR ERRFGRDMET IGFVYQVPR ELAGQPVHLK RDFFLANASR AQSEHFINLR EVSNRIRLPP GEYIVVPSTF EPNKEGDFLL RFFSEKKAGT QELDDQIQAN LPDEKVLSEE EIDDNFKTLF SKLAGDDMEI SVKELQTILN RIISKHKDLR TNGFSLESCR SMVNLMDRDG NGKLGLVEFN ILWNRIRNYL TIFRKFDLDK SGSMSAYEMR MAIEAAGFKL NKKLHELIIT RYSEPDLAVD FDNFVCCCLR LETMFRFFKL LDTDLGCVVT FDLFKWQLT MFA
Sequence Length	713
Preparation and Storage	Store at -20 degree C, for extended storage, conserve at -20 degree C or -80 degree C.

IMAGES



SDS-PAGE

ADDITIONAL INFORMATION

Related Product Information for Capn1 recombinant protein	Calcium-regulated non-lysosomal thiol-protease which catalyze limited proteolysis of substrates involved in cytoskeletal remodeling and signal transduction.
References	Poirier C., Poussard S., Faust D.M., Imaizumi-Sherrer T., Weiss M.C., Ducastaing A., Montarras D., Pinset C., Guenet J.-L. Cloning and characterization of the cDNA and gene encoding the mouse mu-calpain large subunit protein.Sahr K.E., Andrabi S., Peters L.L., Chishti A.H. Comprehensive identification of phosphorylation sites in postsynaptic density preparations.Trinidad J.C., Specht C.G., Thalhammer A., Schoepfer R., Burlingame A.L.Mol. Cell. Proteomics 5:914-922(2006)

NCBI AND UNIPROT INFORMATION

NCBI GI #	160333229
NCBI GeneID	12333
NCBI Accession #	NP_001103974.1
NCBI GenBank Nucleotide #	NM_001110504.1
UniProt Accession #	O35350; O88666
Molecular Weight	86.1 kDa
NCBI Official Full Name	calpain-1 catalytic subunit
NCBI Official Synonym Full Names	calpain 1
NCBI Official Symbol	Capn1
NCBI Official Synonym Symbols	Capa1; Capa-1; mu-calpin
NCBI Protein Information	calpain-1 catalytic subunit
UniProt Protein Name	Calpain-1 catalytic subunit
UniProt Gene Name	Capn1
UniProt Synonym Gene Names	Canp1; Capa1; CANP 1; muCANP
UniProt Entry Name	CAN1_MOUSE

For Research Use Only. Not for use in diagnostic or therapeutic procedures. Small volumes of product may become entrapped in the seal of the vial during shipment and storage; if necessary, briefly centrifuge the vial on a tabletop centrifuge to dislodge any liquid in the cap.

AAA Biotech | Tel: +1 (619) 604-9440 | Fax: +1 (619) 604-9441 | contact@aaabiotech.com
Online datasheet: <https://www.aaabiotech.com/capn1-recombinant-protein-e-coli/115847>