

Calpain-3 (Capn3) Recombinant Protein | Capn3 recombinant protein

Recombinant Mouse Calpain-3 (Capn3) , partial

CATALOG # AAA117671	HOST E Coli or Yeast or Baculovirus or Mammalian Cell
-------------------------------	---

PRODUCT SYNONYMS

Calpain-3 (Capn3); Recombinant Mouse Calpain-3 (Capn3); partial; Capn3 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	46-419aa; partial
Sequence	IISRNFPPIIG VKEKTFEQLR RKCLEKKVLY LDPEFPPDET SLFYSQKFPI QFWWKRPEI CENPRFIIGG ANRTDICQGD LGDCWFLAAI ACLTLNERLL FRVIPHDQSF TENYAGIFHF QFWRYGDWVD VVDDCLPTY NNQLVFTKSN HRNEFWSALL EKAYAKLHGS YEALKGGNTT EAMEDFTGGV TEFFEIKDAP SDMYKIMRKA IERGSLMGCS IDDGTMNTYG TSPSGLNMGE LIARMVRNMD NSLLRDSLD PRGSDDRPSR TIVPVQYETR MACGLVKGHA YSVTGLEEAL FKGEKVKLVR LRNPWGQVEW NGSWSDGWKD WSFVDKDEKA RLQHQVTEGD EFWMSYDDFV YHFTKLEICN LTAD
Species	Mouse
Preparation and Storage	Store at -20 degrees C. For long-term storage, store at -20 degrees C or -80 degrees C. Store working aliquots at 4 degrees C for up to one week. Repeated freezing and thawing is not recommended.

ADDITIONAL INFORMATION

Related Product Information for Capn3 recombinant protein	Calpain, a heterodimer consisting of a large and a small subunit, is a major intracellular protease, although its function has not been well established. This gene encodes a muscle-specific member of the calpain large subunit family that specifically binds to titin. Mutations in this gene are associated with limb-girdle muscular dystrophies type 2A. Alternate promoters and alternative splicing result in multiple transcript variants encoding different isoforms and some variants are ubiquitously expressed.
---	---

NCBI AND UNIPROT INFORMATION

NCBI GI #	295317368
NCBI GeneID	12335
NCBI Accession #	NP_001171270.1
NCBI GenBank Nucleotide #	NM_001177799.1
UniProt Accession #	Q64691 ; Q9WUC5 ; A2AVV3
Molecular Weight	84,096 Da
NCBI Official Full Name	calpain-3 isoform c
NCBI Official Synonym Full Names	calpain 3
NCBI Official Symbol	Capn3

NCBI Official Synonym Symbols	p94; Lp82; Capa3; Capa-3; AI323605
NCBI Protein Information	calpain-3
UniProt Protein Name	Calpain-3
UniProt Gene Name	Capn3
UniProt Synonym Gene Names	CANP 3

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://stage.aaabiotech.com/capn3-recombinant-protein-e-coli-or-yeast-or-baculovirus-or-mammalian-cell/117671>