

Calpain-3 (CAPN3) Recombinant Protein | CAPN3 recombinant protein

Recombinant Human Calpain-3 (CAPN3) , partial

CATALOG # AAA113743	HOST E Coli or Yeast or Baculovirus or Mammalian Cell
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PRODUCT SYNONYMS

Calpain-3 (CAPN3); Recombinant Human 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	74-417aa; partial
Sequence	LYVDPEFPPD ETSLFYSQKF PIQFVWKRPP EICENPRFII DGANRTDICQ GELGDCWFLA AIACLTLNQH LLFRVIPHDQ SFIENYAGIF HFQFWRYGEW VDVVIDDCLP TYNNQLVFTK SNHRNEFWSA LLEKAYAKLH GSYEALKGGN TTEAMEDFTG GVAEFFEIRD APSDMYKIMK KAIERGSLMG CSIDDGNTMT YGTSPSGLNM GELIARMVRN MDNSLLQDSD LDPRGSDEP TRTIIPVQYE TRMACGLVRG HAYSVTGLDE VPFKGEKVKL VRLRNPWGQV EWNGSWSDRW KDWSFVDKDE KARLQHQVTE DGEFWMSYED FIYHFTKLEI CNLT
Species	Human
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.
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NCBI AND UNIPROT INFORMATION

NCBI GI #	4557405
NCBI GeneID	825
NCBI Accession #	NP_000061.1
NCBI GenBank Nucleotide #	NM_000070.2
UniProt Accession #	P20807 ; Q7L4R0 ; Q9BQC8 ; Q9BTU4 ; Q9Y5S6 ; Q9Y5S7 ; A6H8K6
Molecular Weight	18,246 Da
NCBI Official Full Name	calpain-3 isoform a
NCBI Official Synonym Full Names	calpain 3
NCBI Official Symbol	CAPN3
NCBI Official Synonym Symbols	p94; CANP3; LGMD2; nCL-1; CANPL3; LGMD2A

NCBI Protein Information	calpain-3
UniProt Protein Name	Calpain-3
UniProt Gene Name	CAPN3
UniProt Synonym Gene Names	CANP3; CANPL3; NCL1; CANP 3; nCL-1

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.

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Online datasheet: <https://stage.aaabiotech.com/capn3-recombinant-protein-e-coli-or-yeast-or-baculovirus-or-mammalian-cell/113743>