

Calpain-2 catalytic subunit Recombinant Protein | CAPN2 recombinant protein

Recombinant Pig Calpain-2 catalytic subunit

CATALOG # AAA113613	HOST E Coli or Yeast or Baculovirus or Mammalian Cell
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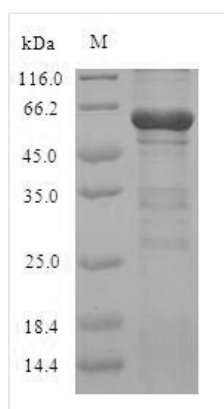
PRODUCT SYNONYMS

Calpain-2 catalytic subunit; Recombinant Pig Calpain-2 catalytic subunit; Calcium-activated neutral proteinase 2; CANP 2; Calpain M-type; Calpain-2 large subunit; Millimolar-calpain; M-calpain; CAPN2 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	1-324aa; Full Length
Sequence	YPNTFWMNPQ YLIKLEEEDE DQEDGESGCT FLVGLIQKHR RRQRKMGEDM HTIGFGIYEV PEELTGQTN HLSKNFFLTH RARERSDTFI NLREVLNRFK LPPGEYILVP STFEPNKDGD FCIRVFSEKK ADYQVVDDEI EADLEENDAS EDDIDDGFRR LFAQLAGEDA EISAFELQTI LRRVLAKRQD IKSDGFSIET CRIMVDM LDS DGS AKLGLKE FYILWTKIQK YQKIYREIDV DRSGTMNSYE MRKALEEAGF KLPCQLHQVI VARFADDQLI IDFDNFVRCL VRLETLFRIS KQLDSENTGT IELDLISWLC FSVL
Sequence Length	324
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 CAPN2 recombinant protein	Calcium-regulated non-lysosomal thiol-protease which catalyze limited proteolysis of substrates involved in cytoskeletal remodeling and signal transduction. Proteolytically cleaves MYOC at 'Arg-226'.
References	Cloning the partial cDNAs of mu-calpain and m-calpain from porcine skeletal muscle.Sun W., Ji S.Q., Ebert P.J., Bidwell C.A., Hancock D.L.Biochimie 75:931-936(1993) Hypoxia-specific upregulation of calpain activity and gene expression in pulmonary artery endothelial cells.Zhang J.L., Patel J.M., Block E.R.Am. J. Physiol. 275:L461-L468(1998)

NCBI AND UNIPROT INFORMATION

NCBI GI #	2506251
NCBI GeneID	397393
UniProt Accession #	P43367
Molecular Weight	53.8 kDa
NCBI Official Full Name	Calpain-2 catalytic subunit
NCBI Official Symbol	CAPN2
NCBI Protein Information	calpain-2 catalytic subunit
UniProt Protein Name	Calpain-2 catalytic subunit
UniProt Gene Name	CAPN2
UniProt Synonym Gene Names	CANP 2; M-calpain
UniProt Entry Name	CAN2_PIG

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/capn2-recombinant-protein-e-coli-or-yeast-or-baculovirus-or-mammalian-cell/113613>