

F-actin-capping protein subunit alpha-2 (CAPZA2) Recombinant Protein | CAPZA2 recombinant protein

Recombinant Human F-actin-capping protein subunit alpha-2 (CAPZA2)

CATALOG # AAA114043	HOST E Coli or Yeast or Baculovirus or Mammalian Cell
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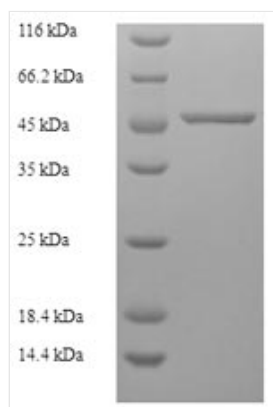
PRODUCT SYNONYMS

F-actin-capping protein subunit alpha-2 (CAPZA2); Recombinant Human F-actin-capping protein subunit alpha-2 (CAPZA2); CapZ alpha-2; CAPZA2 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	2-286. Full Length of Mature Protein
Sequence	ADLEEQLSDE EKVRIAAKFI IHAPPGEFNE VFNDVRLLLN NDNLLREGAA HAFAYYNLDQ FTPVKIEGYE DQVLITEHGD LGNGKFLDPK NRICFKFDHL RKEATDPRPC EVENAVESWR TSVETALRAY VKEHYPNGVC TVYGKKIDGQ QTIIACIESH QFQAKNFWNG RWRSEWKFTI TPSTTQVVGI LKIQVHYIED GNVQLVSHKD IQDSLTVSNE VQTAKEFIKI VEEAENEYQT AISENYQTMS DDTFKALRRQ LPVTRTKIDW NKILSYKIGK EMQNA
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 CAPZA2 recombinant protein	F-actin-capping proteins bind in a Ca ²⁺ -independent manner to the fast growing ends of actin filaments (barbed end) thereby blocking the exchange of subunits at these ends. Unlike other capping proteins (such as gelsolin and severin), these proteins do not sever actin filaments.
Product Categories/Family for CAPZA2 recombinant protein	Signal Transduction

References	Sequence analysis and chromosomal localization of human Cap Z. Conserved residues within the actin-binding domain may link Cap Z to gelsolin/severin and profilin protein families.Barron-Casella E.A., Torres M.A., Scherer S.W., Heng H.H.Q., Tsui L.-C., Casella J.F.J. Biol. Chem. 270:21472-21479(1995)
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NCBI AND UNIPROT INFORMATION

NCBI GI #	5453599
NCBI GeneID	830
NCBI Accession #	NP_006127.1
NCBI GenBank Nucleotide #	NM_006136.2
UniProt Accession #	P47755; B4DG50
Molecular Weight	48.8 kDa
NCBI Official Full Name	F-actin-capping protein subunit alpha-2
NCBI Official Synonym Full Names	capping actin protein of muscle Z-line alpha subunit 2
NCBI Official Symbol	CAPZA2
NCBI Official Synonym Symbols	CAPZ; CAPPA2
NCBI Protein Information	F-actin-capping protein subunit alpha-2
UniProt Protein Name	F-actin-capping protein subunit alpha-2
UniProt Gene Name	CAPZA2
UniProt Entry Name	CAZA2_HUMAN

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/capza2-recombinant-protein-e-coli/114043>