Conserved Anti-Apoptotic Protein (CAAP) Human Recombinant Protein

PRODUCT OVERVIEW

Product Name	Conserved anti-apoptotic protein (CAAP), Recombinant Protein
Full Product Name	Recombinant Human Conserved anti-apoptotic protein (CAAP)
Product Gene Name	CAAP recombinant protein
Product Synonym Gene Name	CAAP
Sequence	MTGKKSSREK RRKRSSQEAA AALAAPDIVP ALASGSSGST SGCGSAGGCG SVSCCGNANF SGSVTGGGSG GSCWGGSSVE RSERRKRRST DSSSVSGSLQ QETKYILPTL EKELFLAEHS DLEEGGLDLT VSLKPVSFYI SDKKEMLQQC FCIIGEKKLQ KMLPDVLKNC SIEEIKKLCQ EQLELLSEKK ILKILEGDNG MDSDMEEEAD DGSKMGSDLV SQQDICIDSA SSVRENKQPE GLELKQGKGE DSDVLSINAD AYDSDIEGPC NEEAAAPEAP ENTVQSEAGQ IDDLEKDIEK SVNEILGLAE SSPNEPKAAT LAVPPPEDVQ PSAQQLELLE LEMRARAIKA LMKAGDIKKP A
Host	E Coli or Yeast or Baculovirus or Mammalian Cell
Form/Format	Lyophilized or liquid (Format to be determined during the manufacturing process)
Purity/Purification	Greater or equal to 85% purity as determined by SDS-PAGE. (lot specific)
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.
Molecular Weight	23,511 Da
Sequence Positions	1-361, Full length protein
Tag Information	This protein contains an N-terminal tag and may also contain a C-terminal tag. Tag types are determined by various factors including tag-protein stability, please inquire for tag information.
Sterility	Sterile filter available upon request.
Endotoxin	Low endotoxin available upon request.
3D Structure	ModBase 3D Structure for Q9H8G2
Species	Human
ISO Certification	Manufactured in an ISO 9001:2015 Certified Laboratory.
Related Product Information for CAAP recombinant protein	MBS1380374 is a recombinant protein targeting CAAP. Also known as Recombinant Human Conserved anti-apoptotic protein (CAAP). Host: E Coli or Yeast or Baculovirus or Mammalian Cell.
Other Notes	Small volumes of CAAP recombinant protein vial(s) may occasionally become entrapped in the seal of the product vial during shipment and storage. If necessary, briefly centrifuge the vial on a tabletop centrifuge to dislodge any liquid in the container`s cap. Certain products may require to ship with dry ice and additional dry ice fee may apply.

ADDITIONAL DETAILS

NCBI/Uniprot data below describe general gene information for CAAP. It may not necessarily be applicable to this product.

NCBI GI #	262527225
NCBI GeneID	79886
NCBI Accession #	NP_001161047.1
UniProt Primary Accession #	Q9H8G2

UniProt Secondary Accession #	Q5VY32; Q6IPE6; Q96C59; B4DWT4; D3DRK4
UniProt Related Accession #	Q9H8G2
GenBank Nucleotide #	NM_001167575.1
NCBI Official Full Name	caspase activity and apoptosis inhibitor 1 isoform 2
NCBI Official Synonym Full Names	caspase activity and apoptosis inhibitor 1
NCBI Official Symbol	CAAP1
NCBI Official Synonym Symbols	CAAP; C9orf82
UniProt Protein Name	Caspase activity and apoptosis inhibitor 1
UniProt Synonym Protein Names	Conserved anti-apoptotic protein; CAAP
Protein Family	Caspase activity and apoptosis inhibitor
UniProt Gene Name	CAAP1
UniProt Synonym Gene Names	C9orf82; CAAP; CAAP
NCBI Protein Information	caspase activity and apoptosis inhibitor 1
UniProt Comments for CAAP	Anti-apoptotic protein that modulates a caspase-10 dependent mitochondrial caspase-3/9 feedback amplification loop.
Research Articles on CAAP	**1.** The data suggest that C9orf82 functions as an anti-apoptotic protein that modulates a caspase-10 dependent mitochondrial caspase-3/9 feedback amplification loop. It is designated as Conserved Anti-Apoptotic Protein (CAAP).
Precautions	All of MyBioSource's Products are for scientific laboratory research purposes and are not for diagnostic, therapeutics, prophylactic or in vivo use. Through your purchase, you expressly represent and warrant to MyBioSource that you will properly test and use any Products purchased from MyBioSource in accordance with industry standards. MyBioSource and its authorized distributors reserve the right to refuse to process any order where we reasonably believe that the intended use will fall outside of our acceptable guidelines.
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