

Choline kinase alpha (CHKA) Recombinant Protein | CHKA recombinant protein

Recombinant Human Choline kinase alpha (CHKA)

CATALOG #
AAA113330

HOST
E Coli or Yeast or Baculovirus or Mammalian Cell

PRODUCT SYNONYMS

Choline kinase alpha (CHKA); Recombinant Human Choline kinase alpha (CHKA); CHKA 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	1-457, Full length protein
Sequence	MKTKFCTGGE AEPSPLGLLL SCGSGSAAPA PGVGQQRDAA SDLESKQLGG QQPPLALPPP PPLPLPLPLP QPPPPQPPAD EQPEPRTRRR AYLWCKEFLP GAWRGLREDE FHISVIRGGL SNMLFQCSLP DTTATLGDEP RKVLLRLYGA ILQMRSCNKE GSEQAQKENE FQGAEMVLE SVMFAILAER SLGPKLYGIF PQGRLEQFIP SRRLDTEELS LPDISAEIAE KMATFHGMKM PFNKEPKWLF GTMEKYLKEV LRIKFTEESR IKKLHKLLSY NLPLELENLR SLESTSPSV VFCHNDCQEG NILLLEGREN SEKQKLMLID FEYSSYNYRG FDIGNHFCEW MYDYSYEKYP FFRANIRKYP TTKQQLHFIS SYLPAFQND FENLSTEEKSI IKEEMLLEV N RFALASHFLW GLWSIVQAKI SSIEFGYMDY AQARFDAYFH QKRKLG V
Sequence Length	457
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 CHKA recombinant protein	The major pathway for the biosynthesis of phosphatidylcholine occurs via the CDP-choline pathway. This protein is the initial enzyme in the sequence and may play a regulatory role. The encoded protein also catalyzes the phosphorylation of ethanolamine. Two transcript variants encoding different isoforms have been found for this gene.
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NCBI AND UNIPROT INFORMATION

NCBI GI #	47078276
NCBI GeneID	1119
NCBI Accession #	NP_001268.2
NCBI GenBank Nucleotide #	NM_001277.2
UniProt Accession #	P35790; Q8NE29
Molecular Weight	50,155 Da
NCBI Official Full Name	choline kinase alpha isoform a
NCBI Official Synonym Full Names	choline kinase alpha
NCBI Official Symbol	CHKA

NCBI Official Synonym Symbols	CK; EK; CHK; CKI
NCBI Protein Information	choline kinase alpha
UniProt Protein Name	Choline kinase alpha
UniProt Gene Name	CHKA
UniProt Synonym Gene Names	CHK; CKI; CK; EK

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/chka-recombinant-protein-e-coli-or-yeast-or-baculovirus-or-mammalian-cell/113330>