

Recombinant Full Length Human CHKA Protein, GST-tagged

Cat. No. CHKA-3201HF **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Human CHKA full-length ORF (NP_001268.2, 1 a.a. - 457 a.a.) recombinant protein with GST-tag at N-terminal.
Species	Human
Source	In Vitro Cell Free System
Protein Length	457 amino acids
Description	The major pathway for the biosynthesis of phosphatidylcholine occurs via the CDP-choline pathway. The protein encoded by this gene 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. [provided by RefSeq, Jul 2008]
Molecular Mass	78.6 kDa
AA Sequence	MKTKFCTGGEAEPSPLGLLLSCGSGSAAPAPGVGQQRDAASDLESKQLGGQQPPL ALPPPPPLPLPLPLPQPPPPQPPADEQPEPRTRRRAYLWCKEFLPGAWRGLREDEF HISVIRGGLSNMLFQCSLPDATTATLGDEPRKVLLRLYGAILQMRSCNKEGSEQAQKE NEFQGAEMVLESVMFAILAERSLGPKLYGIFPQGRLEQFIPSRRLDTEELSLPDISA EIAEKMATFHGMKMPFNKEPKWLFGTMEKYLKEVLRIKFTEESRIKKLHKLLSYNLPL ELENLRSLLSTPSPVVFCHNDCQEGNILLLEGRENSEKQKLMLIDFEYSSYNYRGF DIGNHFCEWMYDYSYEKYPFFRANIRKYPTKKQQLHFISSYLPAFQNDFENLSTEEK SIIKEEMLLEVNRFALASHFLWGLWSIVQAKISSIEFGYMDYAQARFDAYFHQKRKLG

 Tel: 1-631-559-9269 1-516-512-3133

 Email: info@creative-biomart.com  Fax: 1-631-938-8127

 45-1 Ramsey Road, Shirley, NY 11967, USA

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Applications	Enzyme-linked Immunoabsorbent Assay Western Blot (Recombinant protein) Antibody Production Protein Array
Storage	Store at -80 centigrade. Aliquot to avoid repeated freezing and thawing.
Storage Buffer	50 mM Tris-HCl, 10 mM reduced Glutathione, pH=8.0 in the elution buffer.
GENE INFORMATION	
Gene Name	CHKA choline kinase alpha [Homo sapiens]
Official Symbol	CHKA
Synonyms	CHKA; choline kinase alpha; CHK, choline kinase; CKI; CHETK-alpha; ethanolamine kinase; CK; EK; CHK;
Gene ID	1119
mRNA Refseq	NM_001277
Protein Refseq	NP_001268
MIM	118491
UniProt ID	P35790

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