

Recombinant Full Length Human CHKA Protein

Cat. No. CHKA-77HF Lot. No. (See product label)

SPECIFICATION

Product Overview	Recombinant full length Human Choline kinase alpha protein with an N terminal proprietary tag; predicted mwt: 76.34 kDa inclusive of tag.
Species	Human
Source	In Vitro Cell Free System
ProteinLength	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.
Form	Liquid
Molecular Mass	76.340kDa inclusive of tags
AA Sequence	MKTKFCTGGEAEPSPLGLLLSCGSGSAAPAPGVGQQRDAA SDLESKQLGGQQPPL ALPPPPLPLPLPQPPPPQPPAD EQPEPRTRRRAYLWCKEFLPGAWRGLREDE FHISVIRGGL SNMLFQCSPDATTATLGDEPRKVLLRLYGAILQMRSCNKE GSEQAQ KENEFQGAEMVLESVMFAILAERSLGPPLYGIF PQGRLEQFIPSRRLDTEELSLPDI SAEIAEKMATFHGMKM PFNKEPKWLFGTMEKYLKEVLRIFTEESRIKKLHKLLSY N LPLELENLRSLLESTPSPVVFCHNDCQEGNILLLEGREN SEKQKLMLIDFEYSSYNY

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RGFDIGNHFCEWMYDYSYKYP FFRANIRKYPTKKQQLHFSSYLPAFQNDFENLST
 EEKSI IKEEMLLEVNRFALASHFLWGLWSIVQAKISSIEFGYMDY AQARFDAYFHQK
 RKLGV

Purity Proprietary Purification

Storage Shipped on dry ice. Upon delivery aliquot and store at -80 centigrade. Avoid freeze / thaw cycles.

Storage Buffer pH: 8.00. Constituents:0.79% Tris HCl, 0.31% Glutathione.

GENE INFORMATION

Gene Name [CHKA choline kinase alpha \[Homo sapiens \]](#)

Official Symbol [CHKA](#)

Synonyms CHKA; choline kinase alpha; CHK, choline kinase; CKI

Gene ID [1119](#)

mRNA Refseq [NM_001277](#)

Protein Refseq [NP_001268](#)

MIM [118491](#)

UniProt ID [P35790](#)

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