

Recombinant Human CHKA, MYC/DDK-tagged

Cat. No. CHKA-65H **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Recombinant Human CHKA, transcript variant 2, fused with C-terminal MYC/DDK, was expressed in HEK293 cells.
Species	Human
Source	HEK293
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.
Molecular Mass	50 kDa
Purity	> 80% as determined by SDS-PAGE and Coomassie blue staining
Concentration	>50 ug/mL as determined by microplate BCA method
Storage Buffer	25 mM Tris.HCl, pH 7.3, 100 mM glycine, 10% glycerol.

GENE INFORMATION

Gene Name	CHKA choline kinase alpha [Homo sapiens (human)]
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Official Symbol	CHKA
Synonyms	CHKA; choline kinase alpha; CK; EK; CHK; CKI; choline kinase; CHETK-alpha; ethanolamine kinase; NP_001268.2; EC 2.7.1.32; NP_997634.1
Gene ID	1119
mRNA Refseq	NM_212469
Protein Refseq	NP_997634
MIM	118491
UniProt ID	P35790
Chromosome Location	11q13.2
Pathway	Acetylcholine Synthesis; Choline metabolism in cancer; Glycerophospholipid biosynthesis; Metabolic pathways
Function	ATP binding; choline binding; choline kinase activity

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