



Human CHKA peptide (DAG-P1414)

This product is for research use only and is not intended for diagnostic use.

PRODUCT INFORMATION

Antigen 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]
Purity	70 - 90% by HPLC.
Conjugate	Unconjugated
Format	Liquid
Preservative	None
Storage	Shipped at 4°C. Upon delivery aliquot and store at -20°C or -80°C. Avoid repeated freeze / thaw cycles. Information available upon request.

GENE INFORMATION

Gene Name	CHKA choline kinase alpha [Homo sapiens (human)]
Official Symbol	CHKA
Synonyms	CHKA; choline kinase alpha; CK; EK; CHK; CKI; CHETK-alpha; ethanolamine kinase;
Entrez Gene ID	1119
mRNA Refseq	NM_001277.2
Protein Refseq	NP_001268.2
UniProt ID	P35790

Chromosome Location	11q13.2
Pathway	Acetylcholine Synthesis, organism-specific biosystem; Glycerophospholipid biosynthesis, organism-specific biosystem; Glycerophospholipid metabolism, organism-specific biosystem; Glycerophospholipid metabolism, conserved biosystem; Metabolism, organism-specific biosystem; Metabolism of lipids and lipoproteins, organism-specific biosystem; Phosphatidylcholine (PC) biosynthesis, choline => PC, organism-specific biosystem; Phosphatidylcholine (PC) biosynthesis, choline => PC, conserved biosystem; Ph
Function	ATP binding; choline binding; choline kinase activity; cholinesterase activity; drug binding; ethanolamine kinase activity; protein homodimerization activity; signal transducer activity;