

Product datasheet for PH307209

Choline kinase alpha (CHKA) (NM_212469) Human Mass Spec Standard

Product data:

Product Type:	Mass Spec Standards
Description:	CHKA MS Standard C13 and N15-labeled recombinant protein (NP_997634)
Species:	Human
Expression Host:	HEK293
Expression cDNA Clone or AA Sequence:	RC207209
Predicted MW:	50 kDa
Protein Sequence:	>RC207209 representing NM_212469 Red=Cloning site Green=Tags(s) MKTKFCTGGEAEPSPLGLLLSCGSGSAAPAGVGQQRDAASDLESKQLGGQPPLALPPPPPLPLPLPLP QPPPPQPPADEQPEPRTRRRAYLWCKEFLPGAWRGLREDEFHISVIRGGLSNMLFQCSPDPTATLGDPE RKVLLRLYGAILQVGAEMVLESVMFAILAERSLGPPLYGIFPQGRLEQFIPSRRLDTEELGLPDISAEI AEKMATFHGMKMPFNKEPKWLFGTMEKYLKEVLRIFTEESRIKKLHKLKLLSYNPLELENLRSLLLESTPS PVVFCNDCQEGNILLLEGRENSEKQKMLIDFEYSSYNYRGFDIGNHFCEWMYDYSYEKYPFFRANIRK YPTKKQQLHFISSYLPFAFQNDNFENLSTEEKSIIKEMLLEVNRFALASHFLWGQWSIVQAKISSIEFGYM DYAARFDAYFHQKRKLGV TRTRPLEQKLISEEDLAANDILDYKDDDDKV
Tag:	C-Myc/DDK
Purity:	> 80% as determined by SDS-PAGE and Coomassie blue staining
Concentration:	>0.05 µg/µL as determined by microplate BCA method
Labeling Method:	Labeled with [U- ¹³ C ₆ , ¹⁵ N ₄]-L-Arginine and [U- ¹³ C ₆ , ¹⁵ N ₂]-L-Lysine
Buffer:	25 mM Tris-HCl, 100 mM glycine, pH 7.3
Storage:	Store at -80°C. Avoid repeated freeze-thaw cycles.
Stability:	Stable for 3 months from receipt of products under proper storage and handling conditions.
RefSeq:	NP_997634
RefSeq Size:	2679
RefSeq ORF:	1317
Synonyms:	CHK; CK; CKI; EK



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Locus ID: 1119

UniProt ID: [P35790](#)

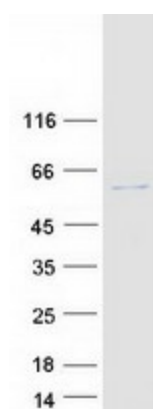
Cytogenetics: 11q13.2

Summary: 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]

Protein Families: Druggable Genome

Protein Pathways: Glycerophospholipid metabolism, Metabolic pathways

Product images:



Coomassie blue staining of purified CHKA protein (Cat# [TP307209]). The protein was produced from HEK293T cells transfected with CHKA cDNA clone (Cat# [RC207209]) using MegaTran 2.0 (Cat# [TT210002]).