

Product datasheet for TP307209L

Choline kinase alpha (CHKA) (NM_212469) Human Recombinant Protein

Product data:

| | |
|---------------------------------------|---|
| Product Type: | Recombinant Proteins |
| Description: | Recombinant protein of human choline kinase alpha (CHKA), transcript variant 2, 1 mg |
| Species: | Human |
| Expression Host: | HEK293T |
| Expression cDNA Clone or AA Sequence: | >RC207209 representing NM_212469 Red=Cloning site Green=Tags(s) |
| | MKTKFCTGGEAEPSPLGLLLSCGSGSAAPAPGVGQQRDAASDLESKQLGGQQPPLALPPPPPLPLPLP QPPPPQPPADEQPEPRTRRRAYLWCKEFLPGAWRGLREDEFHISVIRGGLSNMLFQCCLPDTTATLGDEP RKVLLRLYGAILQVGAEAMVLESVMFAILAERSLGPPLYGIFPQGRLEQFIPSRRLDTEELGLPDISAEI AEKMATFHGMKMPFNKEPKWLFGTMEKYLKEVLRIFTEESRIKHLKLLSYNLPLELENLRSLLSTPS PVVFCNDQCQEGNILLLEGRENSEKQKLMLIDFEYSSYNYRGFDIGNHFCEWMYDYSYKYPFFRANIRK YPTKKQQLHFISSYLPAFQNDNFENLSTEEKSIIKEEMLLEVNRFALASHFLWGQWSIVQAKISSIEFGYM DYAQRFDAYFHQKRKLGV |
| | TRTRPLEQKLISEEDLAANDILDYKDDDDKV |
| Tag: | C-Myc/DDK |
| Predicted MW: | 50 kDa |
| Concentration: | >0.05 µg/µL as determined by microplate BCA method |
| Purity: | > 80% as determined by SDS-PAGE and Coomassie blue staining |
| Buffer: | 25 mM Tris-HCl, 100 mM glycine, pH 7.3, 10% glycerol |
| Preparation: | Recombinant protein was captured through anti-DDK affinity column followed by conventional chromatography steps. |
| Note: | For testing in cell culture applications, please filter before use. Note that you may experience some loss of protein during the filtration process. |
| Storage: | Store at -80°C. |
| Stability: | Stable for 12 months from the date of receipt of the product under proper storage and handling conditions. Avoid repeated freeze-thaw cycles. |
| RefSeq: | NP_997634 |



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Locus ID: 1119

UniProt ID: [P35790](#)

RefSeq Size: 2679

Cytogenetics: 11q13.2

RefSeq ORF: 1317

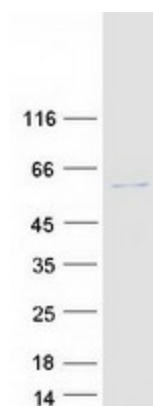
Synonyms: CHK; CK; CKI; EK

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]).