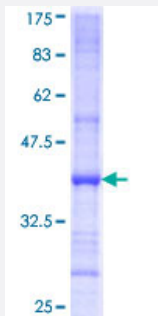


CHKA (Human) Recombinant Protein (Q01)

Catalog # H00001119-Q01

Size 25 ug, 10 ug

Applications



Specification

Product Description	Human CHKA partial ORF (NP_997634, 294 a.a. - 393 a.a.) recombinant protein with GST-tag at N-terminal.
Sequence	ILLLEGRENSEKQKLMLIDFEYSSYNYRGFDIGNHFCEWMDYSYEKYPFFRANIRKYPTKKQQLHFI SSYLPAFQNDNFENLSTEEKSIKEEMLLEVNR
Host	Wheat Germ (in vitro)
Theoretical MW (kDa)	36.74
Preparation Method	in vitro wheat germ expression system
Purification	Glutathione Sepharose 4 Fast Flow
Quality Control Testing	12.5% SDS-PAGE Stained with Coomassie Blue.
Storage Buffer	50 mM Tris-HCl, 10 mM reduced Glutathione, pH=8.0 in the elution buffer.
Storage Instruction	Store at -80°C. Aliquot to avoid repeated freezing and thawing.
Note	Best use within three months from the date of receipt of this protein.

Applications

- Enzyme-linked Immunoabsorbent Assay
- Western Blot (Recombinant protein)
- Antibody Production
- Protein Array

Gene Info — CHKA

Entrez GeneID [1119](#)

GeneBank Accession# [NM_212469](#)

Protein Accession# [NP_997634](#)

Gene Name CHKA

Gene Alias CHK, CKI

Gene Description choline kinase alpha

Omim ID [118491](#)

Gene Ontology [Hyperlink](#)

Gene 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]

Other Designations -

Pathway

- [Glycerophospholipid metabolism](#)
- [Metabolic pathways](#)

Disease

- [Cleft Lip](#)
- [Cleft Palate](#)
- [Genetic Predisposition to Disease](#)
- [Neural Tube Defects](#)
- [Spinal Dysraphism](#)