

## Product datasheet for TP526317

### Chka (NM\_013490) Mouse Recombinant Protein

#### Product data:

Product Type:	Recombinant Proteins
Description:	Purified recombinant protein of Mouse choline kinase alpha (Chka), with C-terminal MYC/DDK tag, expressed in HEK293T cells, 20ug
Species:	Mouse
Expression Host:	HEK293T
Expression cDNA Clone or AA Sequence:	>MR226317 representing NM_013490 Red=Cloning site Green=Tags(s)

MKTKFCTGGAEPSPLGLLLSCGGNAAPTPGVGQQRDAAGELESKQLGGRTQPLALPPPPPPPLPLPPPP  
SPPLADEQPEPRTRRRAYLWCKEFLPGAWRGLREDQFHISVIRGGLSNMLFQCSPDSIASVGDPEPRKVL  
LRLYGAILKMGAEAMVLESVMFAILAERSLGPKLFGIFPQGRLEQFIPSRRLDTEELRLPDISAEIAEKM  
ATFHGMKMPFNKEPKWLFGTMEKYLNQVLRKFSREARVQQLHKILSYNLPLELENLRSLLQYTRSPVVF  
CHNDCQEGNILLLEGQENSERRKMLLIDFEYSSYNYRGFDIGNHFCWEMYDYTYEKYPFFRANIQKYP  
SRKQQLHFISYLTTFQNDFESLSSEEQFATKEDMLLEVNRFALASHFLWGLWSIVQAKISSIEFGYMEY  
AQARFEAYFDQKRKLGV

TRTRPLEQKLISEEDLAANDILDYKDDDDKV

Tag:	C-MYC/DDK
Predicted MW:	50.4 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
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 after receiving vials.
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:	<u><a href="#">NP_038518</a></u>
Locus ID:	12660



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UniProt ID:	<u>O54804</u>
RefSeq Size:	2589
Cytogenetics:	19 3.57 cM
RefSeq ORF:	1305
Synonyms:	Chetk-alpha; Chk; ChoK; CK; CK/EK-alpha; EK; EtnK-alpha
Summary:	Has a key role in phospholipid biosynthesis and may contribute to tumor cell growth. Catalyzes the first step in phosphatidylcholine biosynthesis. Contributes to phosphatidylethanolamine biosynthesis. Phosphorylates choline and ethanolamine. Has higher activity with choline (By similarity).[UniProtKB/Swiss-Prot Function]