

Casein Kinase 2? (CK2?, 1-215aa), Human, Recombinant, E.coli

Cat.NO.: TP01431

3th Edition

Synonyms:PKCK2 Beta,G5A, Phosvitin, CK2N, CSNK2B.

Description:Casein Kinase 2 (CK2, also called PKCK2) is a ubiquitous Ser/Thr kinase expressed in all eukaryotes. CK2 is a tetramer composed of two catalytic kinase domains, alpha subunits, and two identical regulatory beta subunits. It has been implicated in cell cycle control, DNA repair, regulation of the circadian rhythm, and other cellular processes.

Form:Liquid. 20mM Tris pH8.0, 10% glycerol, 0.2M NaCl, 1mM DTT, 1mM EDTA.

Molecular Weight:24.9kDa (215aa), confirmed by MALDI-TOF

Sequences:

MSSSEEVSWISWFCGLRGNEFFCEVDEDEYIQDKFNLTGLNEQVPHYRQALDMILDLEPDEELEDNPNQSDLIEQAA
EMLYGLIHARYILTNRGIAQMLEKYQQGDFGYCPRVYCENQPMLPIGLSDIPGEAMVKLYCPKCMDVYTPKSSRHH
HTDGAYFGTGFPHMLFMVHPEYRPKRPANQFVPRLYGFKIHPMAYQLQLQAASNFKSPVKTIR

Purity:> 95% by HPLC

Concentration:1 mg/ml (determined by Bradford assay)

Endotoxin Level:<1.0 EU per 1 ug of protein (determined by LAL method)

Storage:Can be stored at +4°C short term (1-2 weeks). For long term storage, aliquot and store at -20°C or -70°C. Avoid repeated freezing and thawing cycles.