

32-2976: CK2b Recombinant Protein

Alternative Name : Casein kinase II subunit beta,CK II beta,Phosvitin,G5a,CK2B,CK2N,CSK2B,MGC138222,MGC138224.

Description

Source : Escherichia Coli. CSNK2B Human Recombinant produced in E.Coli is a single, non-glycosylated, polypeptide chain containing 215 amino acids and having a total molecular mass of 24.9kDa. CK2 beta is purified by proprietary chromatographic techniques. Casein Kinase 2 also called 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. The beta subunit itself does not have kinase activity, but confers stability to the CK2 alpha subunit and is involved in activity and substrate specificity.

Product Info

Amount :	10 µg
Purification :	Greater than 95.0% as determined Analysis by SDS-PAGE.
Content :	The CSNK2B protein (1 mg/ml) contains 20mM Tris-HCl pH 8.0, 200mM NaCl, 1mM DTT, 1mM EDTA, 1uM leupeptin and 40% glycerol.
Storage condition :	Store at 4°C if entire vial will be used within 2-4 weeks. Store, frozen at -20°C for longer periods of time. For long term storage it is recommended to add a carrier protein (0.1% HSA or BSA). Please avoid freeze-thaw cycles.
Amino Acid :	MSSSEEVSWI SWFCGLRGNE FFCEVDEDYI QDKFNLTGLN EQVPHYRQAL DMILDLEPDE ELEDNPNQSD LIEQAAEMLY GLIHARYILT NRGIAQMLEK YQQGDFGYCP RVYCENQPML PIGLSDIPGE AMVKLYCPKC MDVYTPKSSR HHHTDGAYFG TGFPHMLFMV HPEYRPKRPA NQFVPRLYGF KIHPMAYQLQ LQAASNFKSP VKTIR.