

32-2993: CSNK1D Recombinant Protein

Alternative Name : Casein kinase I isoform delta,CKI-delta,CKId,Tau-protein kinase CSNK1D,CSNK1D,HCKID,delta isoform 2,Casein Kinase 1 Delta,Casein kinase 1.

Description

Source : Escherichia Coli. CSNK1D Human Recombinant produced in E. coli is a single polypeptide chain containing 429 amino acids (1-409) and having a molecular mass of 48.9kDa.CSNK1D is fused to a 20 amino acid His-tag at N-terminus & purified by proprietary chromatographic techniques. Casein kinase I gene family members take part in the control of cytoplasmic and nuclear processes, including DNA replication and repair. Casein Kinase 1 Delta (CSNK1D) is a member of the casein kinase I (CKI) gene family. CSNK1D is a vital serine/threonine-protein kinase which regulates diverse cellular growth and survival processes including Wnt signaling and circadian rhythms. CSNK1D phosphorylates a great amount of proteins.

Product Info

Amount : 20 µg

Purification : Greater than 85.0% as determined by SDS-PAGE.

Content : The CSNK1D solution (1mg/ml) contains 20mM Tris-HCl buffer (pH 8.0), 10% glycerol and 0.4M Urea.

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).Avoid multiple freeze-thaw cycles.

Amino Acid : MGSSHHHHHH SGLVPRGSH MELRVGNRYR LGRKIGSGSF GDIYLGTDIA AGEEVAIKLE CVKTKHPQLH IESKIYKMMQ GGVGIPTIRW CGAEGDYNVM VMELLGPSLE DLFNFCSRKF SLKTVLLLAD QMISRIEYIH SKNFIHRDVK PDNFLMGLGK KGNLVYIIDF GLAKKYRDAR THQHIPPYREN KNLTGTARYA SINTHLGIEQ SRRDDLES LG YVLMYFNLGS LPWQGLKAAT KRQKYERISE KKMSTPIEVL CKGYPSEFAT YLNFCSRSLRF DDKPDYSYLR QLFNRNLFHRQ GFSYDYVFDW NMLKFGASRA ADDAERERRD REERLRHSRN PATRGLPSTA SGRLRGTQEV APPTPLTPTS HTANTSPPRV SGMERERKVS MRLHRGAPVN ISSSDLTGRQ DTSRMSTSQN SIPFEHHGK.

