

Casein Kinase 1 Delta Human Recombinant

Item Number	rAP-0878
Synonyms	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	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.
Uniprot Accesion Number	P48730
Amino Acid Sequence	MGSSHHHHHH SSGLVPRGSH MELRVGNRYR LGRKIGSGSF GDIYLGTDIA AGEEVAIKLE CVKTKHPQLH IESKIYKMMQ GGVGIPTIRW CGAEGDYNVM VMELLGPSLE DLFNFCRSRKF SLKTVLLLAD QMISRIEYIH SKNFIHRDVK PDNFLMGLGK KGNLVYIIDF GLAKKYRNDAR THQHIPYREN KNLTGTARYA SINTHLGIEQ SRRDDLESLG YVLMYFNLGS LPWQQLKAAT KRQKYERISE KKMSTPIEVL CKGYPSEFAT YLNFCRSLRF DDKPDYSYLR QLFRNLFHRQ GFSYDYVFDW NMLKFGASRA AD-
Source	Escherichia Coli.
Physical Appearance and Stability	CSNK1D is supplied as a sterile filtered clear solution. 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.
Formulation and Purity	The CSNK1D solution (1mg/ml) contains 20mM Tris-HCl buffer (pH 8.0), 10% glycerol and 0.4M Urea. Greater than 85.0% as determined by SDS-PAGE.
Application	
Solubility	
Biological Activity	
Shipping Format and Condition	Lyophilized powder at room temperature.

Optimal dilutions should be determined by each laboratory for each application. The listed dilutions are for recommendation only and the final conditions should be optimized by the end users! This product is sold for **Research Use Only**