

**CSNK1D, 1-409aa, Human, His tag, E.coli**

**Cat.NO.: TP01742**

3th Edition

**Synonyms:**Casein kinase 1, delta isoform 2 , HCKID

**Description:**CSNK1D is a member of the casein kinase I (CKI) gene family whose members have been implicated in the control of cytoplasmic and nuclear processes, including DNA replication and repair. This protein is highly similar to the mouse and rat CK1 delta homologs. Two transcript variants encoding different isoforms have been found for this gene. Recombinant human CSNK1D protein, fused to His-tag at N-terminus, was expressed in E.coli.

**Form:**Liquid. 20mM Tris-HCl buffer (pH8.0) containing 10% glycerol 0.4M Urea

**Molecular Weight:**48.9 kDa(429aa)

**Sequences:**

MGSSHHHHHSSGLVPRGSHMELRVGNRYRLGRKIGSGSFGDIYLGTDIAAGEEVAIKLECVKTKHPQLHIESKIYK  
MMQGGVGIPTIRWCGAEGDYNMVMELLGPSLEDLNFCSRKFSLKTVLLLADQMISRIEYIHSKNFIHRDVKPDNF  
LMGLGKKGNLVYIIDFGLAKKYRDARTHQHIPPYRENKNTGTARYASINTHLGIEQSRDDLESLGYVLMYFNLGSLP  
WQGLKAATKRQKYERISEKKMSTPIEVLCKGYPSEFATYLNFCRSLRFDDKPDYSYLRQLFRNLFHRQGFSDYVVF  
DWNMLKFGASRAADDAERERRDREERLRHSRNPATRGLPSTASGRLRGTQEVAPPTPLTPTSHTANTSPRPVSG  
MERERKVSMLRHRGAPVNISSSDLTGRQDTSRMSTSQNSIPFEHHGK

**Purity:**> 95% by HPLC

**Concentration:**1mg/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.