

Recombinant Full Length Human CSNK1D Protein, GST-tagged

Cat. No. CSNK1D-2191HF **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Human CSNK1D full-length ORF (NP_001884.2, 1 a.a. - 415 a.a.) recombinant protein with GST-tag at N-terminal.
Species	Human
Source	In Vitro Cell Free System
ProteinLength	415 amino acids
Description	This gene 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. The encoded protein may also be involved in the regulation of apoptosis, circadian rhythm, microtubule dynamics, chromosome segregation, and p53-mediated effects on growth. The encoded protein is highly similar to the mouse and rat CK1 delta homologs. Three transcript variants encoding different isoforms have been found for this gene. [provided by RefSeq, Feb 2014]
Molecular Mass	73.7 kDa
AA Sequence	MELRVGNRYRLGRKIGSGSFGDIYLGTDIAAGEEVAIKLECVKTKHPQLHIESKIYKM MQGGVGIPITRWCGAEGDYNMVMELLGPSLEDLNFNFCSRKFSLKTVLLLADQMIS RIEYIHSKNFIHRDVKPDNFLMGLGKKGNLVYIIDFGLAKKYRDARTHQHIPPYRENKNL TGTARYASINTHLGIEQSRRDDLES LGYVLMYFNLGSLPWQGLKAATKRQKYERISE KKMSTPIEVLCKGYPSEFATYLNFCRSLRFDDKPDYSYLRQLFRNFLFHRQGFSDYDV

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FDWNMLKFGASRAADDAERERRDREERLRHSRNPATRGLPSTASGRLRGTQEVP
 PTPLTPTSHTANTSPRPVSGMERERKVSMLRHRGAPVNISSDLTGRQDTSRMSTS
 QIPGRVASSGLQSVVHR

Applications	Enzyme-linked Immunoabsorbent Assay Western Blot (Recombinant protein) Antibody Production Protein Array
Notes	Best use within three months from the date of receipt of this protein.
Storage	Store at -80 centigrade. Aliquot to avoid repeated freezing and thawing.
Storage Buffer	50 mM Tris-HCl, 10 mM reduced Glutathione, pH=8.0 in the elution buffer.

GENE INFORMATION

Gene Name	CSNK1D casein kinase 1, delta [Homo sapiens]
Official Symbol	CSNK1D
Synonyms	CSNK1D; casein kinase 1, delta; casein kinase I isoform delta; CKID; CKIdelta; HCKID; CKId; CKI-delta; tau-protein kinase CSNK1D
Gene ID	1453
mRNA Refseq	NM_001893
Protein Refseq	NP_001884
MIM	600864

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UniProt ID

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