

Recombinant Human CSNK1D Protein, GST-tagged

Cat. No. CSNK1D-1992H 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	Wheat Germ
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 MQGGVGIPTIRWCGAEGDYNVMVMELLGPSLEDLNFNFCSRKFSLKTVLLLADQMIS RIEYIHSKNFIHRDVKPDNFLMGLGKKGNLVYIIDFGLAKKYRDARTHQHIPPYRENKNL TGTARYASINHLGIEQSRRDDLES LGYVLMYFNLGSLPWQGLKAATKRQKYERISE KKMSTPIEVLCKGYPSEFATYLNFCRSLRFDDKPDYSYLRQLFRNLFHRQGFSDYDV FDWNMLKFGASRAADDAERERRDREERLRHSRNPATRGLPSTASGRLRGTQEVAP PTPLTPTSHTANTSPRPVSGMERERKVSMLRHRGAPVNISSDLTGRQDTSRMSTS

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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

UniProt ID

P48730

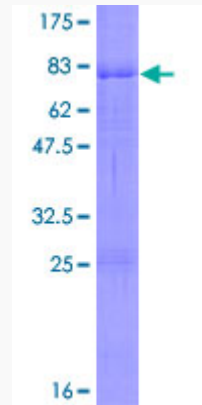
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Quality Control

Testing:



12.5% SDS-PAGE Stained with Coomassie Blue.

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