

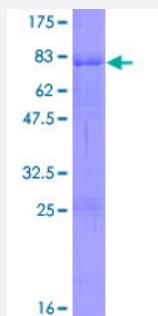
Full-Length

CSNK1D (Human) Recombinant Protein (P01)

Catalog # H00001453-P01

Size 25 ug, 10 ug

Applications



Specification

Product Description

Human CSNK1D full-length ORF (NP_001884.2, 1 a.a. - 415 a.a.) recombinant protein with GST-tag at N-terminal.

Sequence

MELRVGNRYRLGRKIGSGSFGDIYLGTDIAAGEEVAIKLECVKTKHPQLHIESKIYKMMQGGVGIPTI
RWCGAEGDYNVMVMELLGPSLEDLFNFCSRKFSCLKTVLLADQMISRIEYHNSKNFIHRDVKPDNF
LMGLGKKGNLVYIIDFGLAKKYRDARTHQHYPYRENKNTGTARYASINTHLGIEQSRDDLESGLYV
LMYFNLGSLPWQGLKAATKRQKYERISEKKMSTPIEVLCKGYPSEFATYLNFCRSLRFDDKPDYSY
LRQLFRNLFHRQGFSYDYVFDWNMLKFGASRAADDAERERRDREERLRHSRNPATRGLPSTAS
GRLRGTQEVAPPTPLTPTSHTANTSPRPVSGMERERKVSMLHRGAPVNISSDLTGRQDTSRM
STSQIPGRVASSGLQSVVHR

Host

Wheat Germ (in vitro)

Theoretical MW (kDa)

73.7

Interspecies Antigen Sequence

Rat (99)

Preparation Method

[in vitro wheat germ expression system](#)

Purification

Glutathione Sepharose 4 Fast Flow

Quality Control Testing

12.5% SDS-PAGE Stained with Coomassie Blue.

Storage Buffer	50 mM Tris-HCl, 10 mM reduced Glutathione, pH=8.0 in the elution buffer.
Storage Instruction	Store at -80°C. Aliquot to avoid repeated freezing and thawing.
Note	Best use within three months from the date of receipt of this protein.

Applications

- Enzyme-linked Immunoabsorbent Assay
- Western Blot (Recombinant protein)
- Antibody Production
- Protein Array

Gene Info — CSNK1D

Entrez GeneID	1453
GeneBank Accession#	NM_001893.3
Protein Accession#	NP_001884.2
Gene Name	CSNK1D
Gene Alias	HCKID
Gene Description	casein kinase 1, delta
Omim ID	600864
Gene Ontology	Hyperlink
Gene Summary	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 is highly similar to the mouse and rat CK1 delta homologs. Two transcript variants encoding different isoforms have been found for this gene. [provided by RefSeq]
Other Designations	-

Pathway

- [Circadian rhythm - mammal](#)
- [Gap junction](#)
- [Hedgehog signaling pathway](#)

Disease

- [Alzheimer disease](#)
- [Bipolar Disorder](#)
- [Breast cancer](#)
- [Breast Neoplasms](#)
- [Cognition](#)
- [Communicable Diseases](#)
- [Coronary Disease](#)
- [Diabetes Mellitus](#)
- [Genetic Predisposition to Disease](#)
- [Hyperparathyroidism](#)
- [Neoplasm Invasiveness](#)
- [Neoplasms](#)
- [Osteoarthritis](#)
- [Osteoporosis](#)
- [Psoriasis](#)
- [Psychiatric Status Rating Scales](#)
- [Psychotic Disorders](#)
- [Schizophrenia](#)
- [Sleep](#)