

Recombinant Human CSNK1D

Cat. No. CSNK1D-27856TH **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Recombinant full length Human Casein Kinase 1 delta with N terminal proprietary tag; MWt 72 kDa.
Species	Human
Source	Sf9 Cells
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 is highly similar to the mouse and rat CK1 delta homologs. Two transcript variants encoding different isoforms have been found for this gene.
Molecular Weight	72.000kDa inclusive of tags
Biological activity	The Specific activity of CSNK1D-27856TH was determined to be 82 nmol/min/mg.
Form	Liquid
Purity	Densitometry
Storage buffer	Preservative: None Constituents: 25% Glycerol, 50mM Tris HCl, 150mM Sodium chloride, 10mM Glutathione, 0.25mM DTT, 0.1mM EDTA, 0.1mM PMSF, pH 7.5

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Storage

Shipped on dry ice. Upon delivery aliquot and store at -80oC. Avoid freeze / thaw cycles.

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; HCKID;

Gene ID 1453

mRNA Refseq NM_139062

Protein Refseq NP_620693

MIM 600864

Uniprot ID P48730

Chromosome Location 17q25

Pathway

Canonical Wnt signaling pathway, organism-specific biosystem; Cell Cycle, Mitotic, organism-specific biosystem; Centrosome maturation, organism-specific biosystem; Circadian Clock, organism-specific biosystem; Circadian rhythm - mammal, organism-specific biosystem;

Function

ATP binding; nucleotide binding; protein binding; protein kinase activity; protein kinase activity;

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