

Recombinant Human CSNK1G2

Cat. No. CSNK1G2-26811TH **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Recombinant full length Human Casein Kinase 1 gamma 2 with N-terminal proprietary tag, 73kDa..
Species	Human
Source	Sf9 Cells
ProteinLength	415 amino acids
Description	Casein kinase 1 gamma 2 (CSNK1G2) is a serine/threonine protein kinase which shows preferential utilization of acidic proteins such as caseins as a substrate. It can phosphorylate a large number of proteins.
Molecular Weight	73.000kDa inclusive of tags
Biological activity	The Specific activity of CSNK1G2-26811TH was determined to be 30 nmol/min/mg.
Form	Liquid
Purity	by SDS-PAGE
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
Storage	Shipped on dry ice. Upon delivery aliquot and store at -80oC. Avoid freeze / thaw

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GENE INFORMATION

Gene Name	CSNK1G2 casein kinase 1, gamma 2 [Homo sapiens]
Official Symbol	CSNK1G2
Synonyms	CSNK1G2; casein kinase 1, gamma 2; casein kinase I isoform gamma-2; CK1g2;
Gene ID	1455
mRNA Refseq	NM_001319
Protein Refseq	NP_001310
MIM	602214
Uniprot ID	P78368
Chromosome Location	19p13.3
Pathway	FoxO family signaling, organism-specific biosystem; Hedgehog signaling events mediated by Gli proteins, organism-specific biosystem; Hedgehog signaling pathway, organism-specific biosystem; Hedgehog signaling pathway, conserved biosystem; Metabolism of lipids and lipoproteins, organism-specific biosystem;
Function	ATP binding; glycoprotein binding; magnesium ion binding; nucleotide binding; peptide binding;

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