

Recombinant Human CSNK1G3, His-tagged

Cat. No. CSNK1G3-11632H Lot. No. (See product label)

SPECIFICATION

Product Overview	Recombinant Human CSNK1G3 protein, fused to His-tag, was expressed in E.coli and purified by Ni-sepharose.
Species	Human
Source	E.coli
ProteinLength	11-365a.a.
Description	This gene encodes a member of a family of serine/threonine protein kinases that phosphorylate caseins and other acidic proteins. A related protein in the African clawed frog participates in the transmission of Wnt/beta-catenin signaling. Alternatively spliced transcript variants encoding multiple isoforms have been observed for this gene.
Storage	The protein is stored in PBS buffer at -20°C. Avoid repeated freezing and thawing cycles.
Storage Buffer	1M PBS (58mM Na ₂ HPO ₄ , 17mM NaH ₂ PO ₄ , 68mM NaCl, pH8.) added with 300mM Imidazole and 0.7% Sarcosyl, 15%glycerol.

GENE INFORMATION

Gene Name	CSNK1G3 casein kinase 1, gamma 3 [Homo sapiens]
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Official Symbol	CSNK1G3
Synonyms	CSNK1G3; casein kinase 1, gamma 3; casein kinase I isoform gamma-3; CKI-gamma 3;
Gene ID	1456
mRNA Refseq	NM_001031812
Protein Refseq	NP_001026982
MIM	604253
UniProt ID	Q9Y6M4
Chromosome Location	5q23
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; p53 pathway, organism-specific biosystem;
Function	ATP binding; nucleotide binding; protein kinase activity; protein serine/threonine kinase activity;