

Active Recombinant Human CSNK1G1 protein, His&GST-tagged

Cat. No. CSNK1G1-762H **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Active Recombinant Human CSNK1G1 protein(NP_071331.2) (Met 1-Lys 422) was expressed in Insect Cells, fused with the N-terminal polyhistidine-tagged GST tag at the N-terminus.
Species	Human
Source	Insect Cells
ProteinLength	1-422 aa
Form	Supplied as sterile 20mM Tris, 500mM NaCl, 10% gly, pH 7.4.
Bio-activity	The specific activity was determined to be 4 nmol/min/mg using casein as substrate.
Molecular Mass	The recombinant human CSNK1G1/GST chimera consists of 659 amino acids and has a calculated molecular mass of 76.3 kDa. It migrates as an approximately 66 kDa band in SDS-PAGE under reducing conditions.
Endotoxin	< 1.0 EU per µg of the protein as determined by the LAL method.
Purity	> 94 % as determined by SDS-PAGE
Storage	Store it under sterile conditions at -20°C to -80°C upon receiving. Recommend to aliquot the protein into smaller quantities for optimal storage. Avoid repeated freeze-

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thaw cycles.

Concentration 0.1-1.0 mg/ml

GENE INFORMATION

Gene Name CSNK1G1 casein kinase 1, gamma 1 [Homo sapiens]

Official Symbol CSNK1G1

Synonyms CSNK1G1; casein kinase 1, gamma 1; casein kinase I isoform gamma-1; CK1gamma1; CKI-gamma 1;

Gene ID 53944

mRNA Refseq NM_022048

Protein Refseq NP_071331

MIM 606274

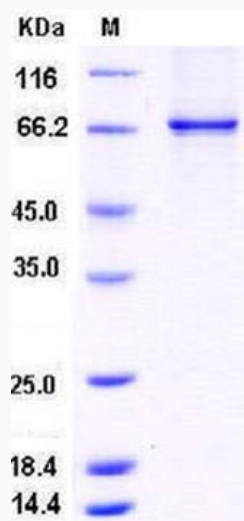
UniProt ID Q9HCP0

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SDS-PAGE



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