

Active Recombinant Human CSNK1G1 protein, His&GST-tagged

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

SPECIFICATION

Product Overview	Recombinant Human CSNK1G1 protein(NP_071331.2)(Met1-Lys422), fused with His and GST tag, was expressed in Insect Cells.
Species	Human
Source	Insect Cells
ProteinLength	Met1-Lys422
Form	Supplied as sterile 20mM Tris, 500mM NaCl, 10% gly, pH 7.4Please contact us for any concerns or special requirements.Please refer to the specific buffer information in the hard copy of CoA.
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	Samples are stable for up to twelve months from date of receipt at -20°C to -80°C

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Store it under sterile conditions at -20°C to -80°C. It is recommended that the protein be aliquoted for optimal storage. Avoid repeated freeze-thaw cycles.

Reconstitution

It is recommended that sterile water be added to the vial to prepare a stock solution of 0.2 ug/ul. Centrifuge the vial at 4°C before opening to recover the entire contents.

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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