Active Recombinant Human CSNK1G2 protein, His-tagged

Cat. No. CSNK1G2-905H **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Recombinant Human CSNK1G2 protein(P78368-1)(Met18-Lys415), fused with His tag, was expressed in Insect Cells.
Species	Human
Source	Insect Cells
ProteinLength	Met18-Lys415
Form	Supplied as sterile 20mM Tris, 500mM NaCl, 10% gly, 1mM DTT, pH 8.0Please 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 13 nmol/min/mg using casein as substrate.
Molecular Mass	The recombinant human CSNK1G2 consists of 417 amino acids and predicts a molecular mass of 47.8 kDa. It migrates as an approximately 48 kDa band in SDS-PAGE under reducing conditions.
Endotoxin	< 1.0 EU per μg of the protein as determined by the LAL method
Purity	> 80 % as determined by SDS-PAGE
Storage	Samples are stable for up to twelve months from date of receipt at -20°C to -80°C. Store it under sterile conditions at -20°C to -80°C. It is recommended that the protein

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	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	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; CKI-gamma 2; casein kinase 1 isoform gamma-2;
Gene ID	1455
mRNA Refseq	NM_001319
Protein Refseq	NP_001310
MIM	602214
UniProt ID	P78368

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