

Active Recombinant Human CSNK1G2 Protein, GST-tagged

Cat. No. CSNK1G2-1999H **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Human CSNK1G2 (NP_001310.3, 1 a.a. - 415 a.a.) full-length recombinant protein with GST tag expressed in baculovirus infected Sf21 cells.
Species	Human
Source	Insect Cells
Description	CSNK1G2 (Casein Kinase 1 Gamma 2) is a Protein Coding gene. Among its related pathways are Signaling by Wnt and GPCR Pathway. GO annotations related to this gene include transferase activity, transferring phosphorus-containing groups and protein tyrosine kinase activity. An important paralog of this gene is CSNK1G3.
Form	Liquid
Bio-activity	The activity was measured by off-chip mobility shift assay. The enzyme was incubated with fluorescence-labeled substrate and Mg(or Mn)/ATP. The phosphorylated and unphosphorylated substrates were separated and detected by LabChip 3000. Substrate: CKtide. ATP: 100 uM.
Molecular Mass	74 kDa
Purity	95 % by SDS-PAGE/CBB staining
Applications	Functional Study SDS-PAGE

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Storage Store at -80 centigrade. Aliquot to avoid repeated freezing and thawing.

Storage Buffer In 50 mM Tris-HCl, 150 mM NaCl, pH 7.5 (0.1% CHAPS, 1 mM DTT, 10% glycerol)

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

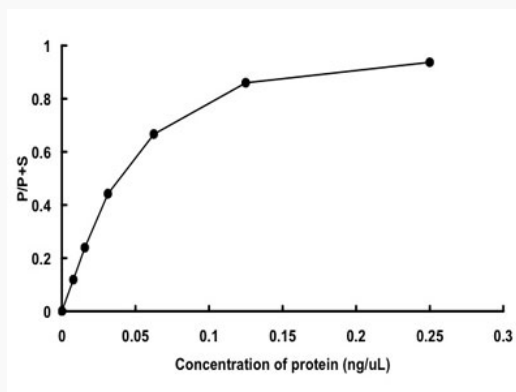
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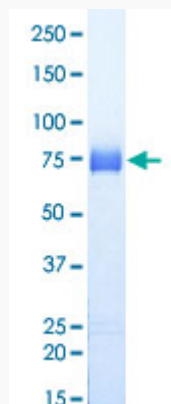
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Result of activity analysis



Quality Control Testing:



Loading 1 µg protein in SDS-PAGE

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