

Active Recombinant Human CSNK2A1 protein, GST-tagged

Cat. No. CSNK2A1-892H Lot. No. (See product label)

SPECIFICATION

Product Overview	Active Recombinant Human CSNK2A1 protein(NP_808227.1) (Met 1-Gln 391) was expressed in Insect Cells, fused with the GST tag at the N-terminus.
Species	Human
Source	Insect Cells
ProteinLength	1-391 aa
Form	Supplied as sterile 50mM Tris, 100mM NaCl, 0.5mM PMSF, 0.5mM GSH, pH 8.0.
Bio-activity	The specific activity was determined to be 9 nmol/min/mg using casein as substrate.
Molecular Mass	The recombinant human CSNK2A1/GST chimera consists of 616 amino acids and predicts a molecular mass of 71.4 kDa. It migrates as an approximately 65 kDa band in SDS-PAGE under reducing conditions.
Endotoxin	< 1.0 EU per µg of the protein as determined by the LAL method.
Purity	> 93 % 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-thaw cycles.

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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 CSNK2A1 casein kinase 2, alpha 1 polypeptide [Homo sapiens]

Official Symbol CSNK2A1

Synonyms CSNK2A1; casein kinase 2, alpha 1 polypeptide; casein kinase II subunit alpha; CK II alpha; protein kinase CK2; CK2 catalytic subunit alpha; casein kinase II alpha 1 subunit; CKII; CK2A1;

Gene ID 1457

mRNA Refseq NM_001895

Protein Refseq NP_001886

MIM 115440

UniProt ID P68400

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