

Recombinant Human CSNK2A1 protein, His-tagged

Cat. No. CSNK2A1-190H Lot. No. (See product label)

SPECIFICATION

Product Overview	Recombinant Human v fused with His tag at N-terminal was expressed in E. coli.
Species	Human
Source	E.coli
Description	Casein kinase II is a serine/threonine protein kinase that phosphorylates acidic proteins such as casein. It is involved in various cellular processes, including cell cycle control, apoptosis, and circadian rhythm. The kinase exists as a tetramer and is composed of an alpha, an alpha-prime, and two beta subunits. The alpha subunits contain the catalytic activity while the beta subunits undergo autophosphorylation. The protein encoded by this gene represents the alpha subunit. While this gene is found on chromosome 20, a related transcribed pseudogene is found on chromosome 11. Three transcript variants encoding two different proteins have been found for this gene.
Form	25mM Tris, pH8.0, 150 mM NaCl, 10% glycerol, 1 % Sarkosyl.
Molecular Mass	29 kDa
Purity	> 80% as determined by SDS-PAGE and Coomassie blue staining
Storage	Store at -80 centigrade. Avoid repeated freeze-thaw cycles. Stable for at least 3 months from receipt of products under proper storage and handling conditions.

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Concentration >50 ug/mL as determined by microplate BCA method

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_177560

Protein Refseq NP_808228

MIM 115440

UniProt ID P68400

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