Recombinant Human CSNK2A1

Cat. No. CSNK2A1-28001TH **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Recombinant full length CKII alpha protein (Human), was expressed by baculovirus in Sf9 insect cells using a N-terminal tag, MW 70kDa.
Species	Human
Description	Casein kinase II is a serine/threonine protein kinase that phosphorylates acidic proteins such as casein. 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	Liquid
Purity	>95% by SDS-PAGE
Storage buffer	Preservative: NoneConstituents: 25% Glycerol, 50mM Tris HCl, 150mM Sodium chloride, 0.25mM DTT, 0.1mM EGTA, 0.1mM EDTA, 0.1mM PMSF, pH 7.5
Storage	Shipped on dry ice. Upon delivery aliquot and store at -80oC. Avoid freeze / thaw cycles.
Sequence	Belongs to the protein kinase superfamily. Ser/Thr protein kinase family. CK2

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Similarities	subfamily.Contains 1 protein kinase domain.
Full Length	Full L.

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;
Gene ID	1457
mRNA Refseq	NM_001895
Protein Refseq	NP_001886
MIM	115440
Uniprot ID	P68400
Chromosome Location	20p13
Pathway	Adherens junction, organism-specific biosystem; Adherens junction, conserved biosystem; Alpha-synuclein signaling, organism-specific biosystem; Axon guidance, organism-specific biosystem; BCR signaling pathway, organism-specific biosystem;
Function	ATP binding; beta-catenin binding; nucleotide binding; protein N-terminus binding; protein binding;

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