

Recombinant Human CSNK2A2

Cat. No. CSNK2A2-28000TH **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Recombinant full length Human CKII alpha prime polypeptide with an N terminal proprietary tag, predicted mwt: 64 kDa.
Species	Human
Source	Sf9 Cells
ProteinLength	350 amino acids
Description	Casein kinase II subunit alpha is an enzyme that in humans is encoded by the CSNK2A2 gene.
Molecular Weight	64.000kDa inclusive of tags
Biological activity	Specific activity: 63 nmol/min/mg
Form	Liquid
Purity	Densitometry
Storage buffer	Preservative: None Constituents: 25% Glycerol, 50mM Tris HCl, 150mM Sodium chloride, 10mM Glutathione, 0.25mM DTT, 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.

 Tel: 1-631-559-9269 1-516-512-3133

 Email: info@creative-biomart.com  Fax: 1-631-938-8127

 45-1 Ramsey Road, Shirley, NY 11967, USA

Sequence Similarities Belongs to the protein kinase superfamily. Ser/Thr protein kinase family. CK2 subfamily. Contains 1 protein kinase domain.

GENE INFORMATION

Gene Name	CSNK2A2 casein kinase 2, alpha prime polypeptide [Homo sapiens]
Official Symbol	CSNK2A2
Synonyms	CSNK2A2; casein kinase 2, alpha prime polypeptide; casein kinase II subunit alpha; CSNK2A1;
Gene ID	1459
mRNA Refseq	NM_001896
Protein Refseq	NP_001887
MIM	115442
Uniprot ID	P19784
Chromosome Location	16
Pathway	Adherens junction, organism-specific biosystem; Adherens junction, conserved biosystem; Axon guidance, organism-specific biosystem; Developmental Biology, organism-specific biosystem; Herpes simplex infection, organism-specific biosystem;
Function	ATP binding; nucleotide binding; protein N-terminus binding; protein binding; protein serine/threonine kinase activity;

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