

Recombinant Human CSNK2A2, MBP-tagged

Cat. No. CSNK2A2-27169TH **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Recombinant full length Human CKII alpha prime polypeptide fused with MBP tag; amino acids 1-350, 84.3kDa.
Species	Human
Source	E.coli
ProteinLength	1-350 a.a.
Description	Casein kinase II subunit alpha is an enzyme that in humans is encoded by the CSNK2A2 gene.
Conjugation	MBP
Biological activity	Activity:>100.000 U/mg (1 Unit is defined as 1 picomole phosphate transferred to synthetic peptide RRRDDDSDDD per min at 37°C).
Form	Liquid
Purity	>95% by SDS-PAGE
Storage buffer	Preservative: None Constituents: 200mM Sodium chloride, 20mM Tris HCl, 2mM DTT, 1mM EDTA, pH 7.4
Storage	Shipped on dry ice. Upon delivery aliquot and store at -80oC. Avoid freeze / thaw

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cycles.

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

Full Length Full L.

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;

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Function

ATP binding; nucleotide binding; protein N-terminus binding; protein binding; protein serine/threonine kinase activity;

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