

## Recombinant Human CSNK2A2, MBP-tagged

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

### SPECIFICATION

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