

Recombinant Human Cyclin-Dependent Kinases Regulatory Subunit 2, T7-Tagged

Cat. No. CKS2-355H **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Recombinant CKS2 fused with T7-tag was expressed in E.coli and purified by conventional chromatography techniques, 11.3kDa (94aa), 11.3kDa (94aa).
Species	Human
Source	E.coli
Description	Recombinant Human CKS2, also known as CDC28 Protein kinase 2 associates with the catalytic subunit of cyclin-dependent kinases and has therefore been assumed to play a direct role in cell cycle regulation. The function of CKS2 in somatic mammalian cells is not well understood although it is required for the first metaphase/anaphase transition during the meiosis. Emerging evidence shows that elevated expression of CKS2 protects the cells from apoptosis.
Form	Liquid. In 20 mM Tris-HCl buffer (pH 7.5) containing 20% glycerol.
Purity	> 95% by SDS - PAGE.
Concentration	1 mg/ml (determined by Bradford assay)
Sequences of amino acids	MASMTGGQQM GRGSHMAHKQ IYYS DKYFDE HYEYRHVMLP RELSKQVP KT HLMSEEEWRR LGVQQSLGWV HYMIHEPEPH ILLFRRLPK DQQK
Storage	Can be stored at +4°C short term (1-2 weeks). For long term storage, aliquot and

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store at -20°C or -70°C. Avoid repeated freezing and thawing cycles.

GENE INFORMATION

Gene Name	CKS2 CDC28 protein kinase regulatory subunit 2 [Homo sapiens]
Synonyms	CDC28 protein kinase 2; CKSHS2; Cyclin-dependent kinases regulatory subunit 2; CKS2; CDC28 protein kinase 2; CKS1(S. cerevisiae Cdc28/Cdc2 kinase subunit) homolog-2; CKS-2; CKSHS2; OTTHUMP00000021616; CDC28 protein kinase regulatory subunit 2.
Gene ID	1164
mRNA Refseq	NM_001827
Protein Refseq	NP_001818
MIM	116901
UniProt ID	P33552
Chromosome Location	9q22
Function	Cyclin-dependent protein kinase regulator activity

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