

Recombinant human CKS2 protein

Catalog Number: CKS0801

PRODUCT INFORMATION

Expression system

E.coli

Domain

1-79aa

UniProt No.

P33552

NCBI Accession No.

NP_001818

Alternative Names

Cyclin-dependent kinases regulatory subunit 2, CKSHS2, CKS2, CKS1(S. cerevisiae Cdc28/Cdc2 kinase subunit) homolog 2, CDC28 protein kinase regulatory subunit 2, CDC28 Protein kinase 2

PRODUCT SPECIFICATION

Molecular Weight

11.3 kDa (94aa) confirmed by MALDI-TOF

Concentration

1mg/ml (determined by Bradford assay)

Formulation

Liquid in. 20mM Tris-HCl buffer (pH 7.5) containing 20% glycerol

Purity

> 95% by SDS-PAGE

Tag

T7-Tag

Application

SDS-PAGE

Storage Condition

Can be stored at +2C to +8C for 1 week. For long term storage, aliquot and store at -20C to -80C. Avoid repeated freezing and thawing cycles.

BACKGROUND

Description

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. Recombinant CKS2 fused with T7-tag was expressed in E. coli and purified by conventional

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chromatography techniques.

Amino acid Sequence

MASMTGGQQM GRGSHMAHKQ IYYS DKYFDE HYEYRHVMLP RELSKQVPKT HLMSEEEWRR LGVQQSLGWV
HYMIHEPEPH ILLFRRPLPK DQQK

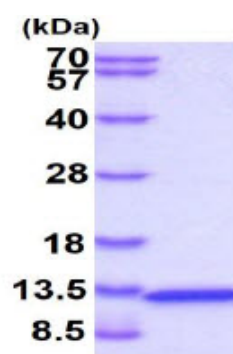
General References

Martinsson-Ahlzen HS., et al: (2008) Mol Cell Biol. 28(18):5698-709.

Lan Y., et al: (2008) Int J Cancer. 123(3):543-51.

DATA

SDS-PAGE



15% SDS-PAGE (3ug)

3ug by SDS-PAGE under reducing condition and visualized by coomassie blue stain.