

Recombinant human Casein kinase 2 alpha 2/CSNK2A2 protein

Catalog Number: ATGP1699

PRODUCT INFORMATION

Expression system

E.coli

Domain

1-350aa

UniProt No.

P19784

NCBI Accession No.

NP_001887

Alternative Names

Casein kinase 2 alpha prime polypeptide, Casein kinase II subunit alpha', Casein kinase 2 alpha', CK II alpha', CSNK2A1, CK2alpha', CK2A2

PRODUCT SPECIFICATION

Molecular Weight

43.7 kDa (374aa) confirmed by MALDI-TOF

Concentration

0.5mg/ml (determined by Bradford assay)

Formulation

Liquid in. 20mM Tris-HCl buffer (pH 8.0) containing 0.15M NaCl, 30% glycerol, 1mM DTT

Purity

> 85% by SDS-PAGE

Tag

His-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

Casein kinase 2 subunit alpha, also known as CSNK2A2, regulates numerous cellular processes, such as cell cycle progression, apoptosis and transcription, as well as viral infection. This protein may act as a regulatory node which integrates and coordinates numerous signals leading to an appropriate cellular response. Recombinant human CSNK2A2 protein, fused to His-tag at N-terminus, was expressed in E. coli and purified by using conventional chromatography techniques.

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Amino acid Sequence

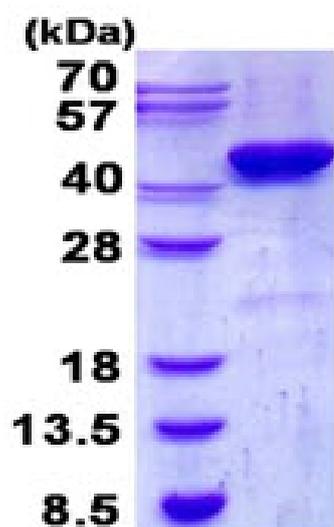
MGSSHHHHHH SSSLVPRGSH MGSHPMPGPA GSRARVYAEV NSLRSREYWD YEAHVPSWGN QDDYQLVRKL
GRGKYSEVFE AINITNNERV VVKILKPVKK KIKREVKIL ENLRGGTNI KLIDTVKDPV SKTPALVFY INNTDFKQLY
QILTDFDIRF YMYELLKALD YCHSKGIMHR DVKPHNVMI HQQKLRLLID WGLAEFYHPA QEYNVRVASR YFKGPELLVD
YQMYDYSLDM WSLGCMLASM IFRREPFHFG QDNYDQLVRI AKVLGTEELY GYLKKYHIDL DPHFNDILGQ HSRKRWENFI
HSENRHLVSP EALDLLDKLL RYDHQQLTA KEAMEHPYFY PVPKEQSQPC ADNAVLSSGL TAAR

General References

Keller D.M., et al. (2001) Mol. Cell. 7:283-292
Sayed M., et al. (2001) Oncogene. 20:6994-7005

DATA

SDS-PAGE



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

15% SDS-PAGE (3ug)