

AR51510PU-S

Human Casein kinase I delta (1-409, His-tag) - Purified

Alternate names:

CKI-delta, CKId, CSNK1D

Quantity:

0.1 mg

Concentration:

1.0 mg/ml (determined by Bradford assay)

Background:

CSNK1D is a member of the casein kinase I (CKI) gene family whose members have been implicated in the control of cytoplasmic and nuclear processes, including DNA replication and repair. This protein is highly similar to the mouse and rat CK1 delta homologs. Two transcript variants encoding different isoforms have been found for this gene.

Uniprot ID:

[P48730](#)

NCBI:

[NP_620693](#)

GeneID:

[1453](#)

Species:

Human

Source:

E. coli

Format:

State: Liquid purified protein

Purity: >85% by SDS - PAGE

Buffer System: 20 mM Tris-HCl buffer (pH8.0) containing 10% glycerol 0.4M Urea

Description:

Recombinant human CSNK1D protein, fused to His-tag at N-terminus, was expressed in E.coli.

AA Sequence:

MGSSHHHHH SGLVPRGSH MELRVGNRYR LGRKIGSGSF GDIYLGTDIA AGEEVAIKLE
CVKTKHPQLH IESKIYKMMQ GGVGIPTIRW CGAEGDYNVM VMELLGPSLE DLFNFCSRKF
SLKTVLLAD QMISRIEYIH SKNFIHRDVK PDNFLMGLGK KGNLVYIDF GLAKKYRDAR
THQHIPPYREN KNLTGTARYA SINHLGIEQ SRRDDLESIG YVLMYFNLGS LPWQGLKAAT
KRQKYERISE KKMSTPIEVL CKGYPSEFAT YLNFCSRSLRF DDKPDYSYLR QLFRNLFHRQ
GFSYDYVFDW NMLKFGASRA ADDAERERRD REERLRHSRN PATRGLPSTA SGRLRGTEQEV
APPTPLTPTS HTANTSPRPV SGMERERKVS MRLHRGAPVN ISSSDLTGRQ DTSRMSTSQN
SIPFEHHGK

Molecular weight: 48.9 kDa (429aa)

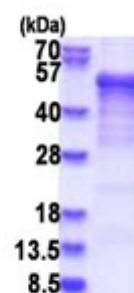
Storage:

Store undiluted at 2-8°C for one week or (in aliquots) at -20°C to -80°C for longer. Avoid repeated freezing and thawing. Shelf life: one year from despatch.

General Readings:

Fish KJ. et al. (1995) J Biol Chem. 270:14875-14883. Cooper. et al. (2002) J. Biol. Chem. 277:44962-44968.

Pictures:



15% SDS-PAGE (3ug)