

Datasheet for ABIN667047

CSNK2A1/CK II alpha Protein (AA 1-391) (His tag)



[Go to Product page](#)

1 Image

Overview

Quantity:	50 µg
Target:	CSNK2A1/CK II alpha (CSNK2A1)
Protein Characteristics:	AA 1-391
Origin:	Human
Source:	Escherichia coli (E. coli)
Protein Type:	Recombinant
Purification tag / Conjugate:	This CSNK2A1/CK II alpha protein is labelled with His tag.
Application:	SDS-PAGE (SDS)

Product Details

Sequence:	MSGPVPSRAR VYTDVNTHRP REYWDYESHV VEWGNQDDYQ LVRKLGRGKY SEVFEAINIT NNEKVVKIL KPVKKKKIKR EIKILENLRG GPNIITLADI VKDPVSRTPA LVFEHVNNTD FKQLYQTLTD YDIRFYMYEI LKALDYCHSM GIMHRDVKPH NVMIDHEHRK LRLIDWGLAE FYHPGQEYNV RVASRYFKGP ELLVDYQMYD YSLDMWSLGC MLASMIFRKE PFFHGHNDYD QLVRIAKVLG TEDLYDYIDK YNIELDPRFN DILGRHSRKR WERFVHSENG HLVSPALDF LDKLLRYDHQ SRLTAREAME HPYFYTVVKD QARMGSSSMP GGSTPVSSAN MMSGISSVPT PSPLGPLAGS PVIAAANPLG MPVPAAAGAQ Q
Characteristics:	Protein kinase Casein Kinase 2 alpha (PKCK2, 1-391aa) Human, Recombinant, His-tagged, E.coli
Purity:	> 90% by SDS-PAGE

Target Details

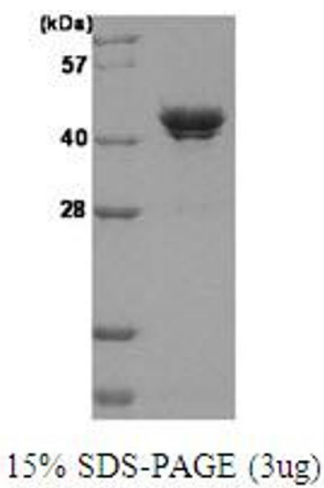
Target:	CSNK2A1/CK II alpha (CSNK2A1)
Alternative Name:	Casein kinase 2 alpha 1/CSNK2A1 (CSNK2A1 Products)
Background:	Protein Kinase Casein Kinase 2 (PKCK2, also called CK2) is a ubiquitous Ser/Thr kinase expressed in all eukaryotes. PKCK2 is a tetramer composed of two catalytic kinase domains, alpha subunits, and two identical regulatory beta subunits. It has been implicated in cell cycle control, DNA repair, regulation of the circadian rhythm, and other cellular processes. Recombinant human PKCK2, fused to His tag at N-terminus, was expressed in E. coli and purified by using conventional chromatography techniques.
Molecular Weight:	47.3 kDa (411aa) confirmed by MALDI-TOF
NCBI Accession:	NP_001886
Pathways:	SARS-CoV-2 Protein Interactome

Application Details

Application Notes:	Optimal working dilution should be determined by the investigator.
Restrictions:	For Research Use only

Handling

Format:	Liquid
Concentration:	1 mg/mL
Buffer:	Liquid . 20mM Tris pH8.0 , 500mM NaCl, 1mM DTT, 50% glycerol
Storage:	4 °C,-20 °C,-80 °C
Storage Comment:	Can be stored at +2°C to +8°C for 1 week. For long term storage, aliquot and store at -20°C to -80°C. Avoid repeated freezing and thawing cycles.



SDS-PAGE

Image 1.