

CSNK2A1, 1-391aa, Human, His tag, E.coli

Cat.NO.: TP01743

3th Edition

Synonyms:Casein kinase II subunit alpha, CK2A1, CKII.

Description:CSNK2A1, also known as casein kinase II subunit alpha, are catalytic subunit of a constitutively active serine/threonine-protein kinase complex that phosphorylates a large number of substrates containing acidic residues C-terminal to the phosphorylated serine or threonine.

Form:Liquid. 20mM Tris-HCl buffer (pH8.0) containing 20% glycerol, 0.1M NaCl, 1mM DTT, 0.1mM PMSF

Molecular Weight:47.8 kDa (416aa), confirmed by MALDI-TOF

Sequences:

MGSSHHHHHSSGLVPRGSHMGSHMMSGPVPSPRARVYTDVNTHRPREYWDYESHVVEWGNQDDYQLVRKLG
RGKYSEVFEAINITNNEKVVVKILKPVKKKKIKREIKILENLRGGPNITLADIVKDPVSRTPALVFEHVNNTDFKQLYQT
LTDYDIRFYMYEILKALDYCHSMGIMHRDVKPHNV MIDHEHRKRLRLIDWGLAEFYHPGQEYNVRVASRYFKGPPELLV
DYQMYDYSLDMWSLGCMLASMIFRKEPFFHGHNDYDQLVRIAKVLGTEDLYDYIDKYNIELDPRFNDILGRHSRKR
WERFVHSENQHLVSPEALDFDKLLRYDHQSRLTAREAMEHPYFYTVVKDQARMGSSSMPGGSTPVSSANMMS
GISSVPTPSPLGPLAGSPVIAAANPLGMPVPAAAGAQQ

Purity:> 95% by HPLC

Concentration:1 mg/ml (determined by Bradford assay)

Endotoxin Level:<1.0 EU per 1 ug of protein (determined by LAL method)

Storage:Can be stored at +4°C short term (1-2 weeks). For long term storage, aliquot and store at -20°C or -70°C. Avoid repeated freezing and thawing cycles.