

CSNK2A2, 1-350aa, Human, His tag, E.coli

Cat.NO.: TP01744

3th Edition

Synonyms:Casein kinase II subunit alpha, CK2A2, CSNK2A1.

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.

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

Molecular Weight:43.7 kDa (374aa), confirmed by MALDI-TOF

Sequences:

MGSSHHHHHHSSGLVPRGSHMGSHMPGPAAGSRARVYAEVNSLRSREYWDYEAHVPSWGNQDDYQLVRKLGR
GKYSEVFEAINITNNERVVVKILKPVKKKIKREVKILENLRGGTNIILIDTVKDPVSKTPALVFYINNTDFKQLYQILT
DFDIRFYMYELLKALDYCHSKGIMHRDVKPHNVMIDHQQKRLIDWGLAEFYHPAQEYNVRVASRYFKGPPELLVD
YQMYDYSLDMWSLGCMLASMIFRREPFFHGQDNVDQLVRIAKVLGTEELYGYLKKYHIDLDPHFNDILGQHSRKR
WENFIHSENRLVSPEALDLLDKLLRYDHHQQRLTAKEAMEHPYFYPVVKESQPCADNAVLSSGLTAAR

Purity:> 95% by HPLC

Concentration:0.5 mg/ml

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.