

Casein Kinase 2, Alpha 2 Prime Human Recombinant

Item Number	rAP-0870
Synonyms	Casein Kinase 2, Alpha Prime Polypeptide, CK II Alpha, EC 2.7.11.1, CK2A2, EC 2.7.11, CSNK2A1, Casein kinase II subunit alpha ¹ .
Description	CSNK2A2 Human Recombinant produced in E.Coli is a single, non-glycosylated polypeptide chain containing 374 amino acids (1-350 a.a) and having a molecular mass of 43.7kDa.
Uniprot Accession Number	P19784
Amino Acid Sequence	MGSSHHHHHH SSGLVPRGSH MGSHPGPAA GSRARVYAEV NSLRSREYWD YEAHVPSWGN QDDYQLVRKL GRGKYSEVFE AINITNNERV VVKILKPVKK KIKREVKIL ENLRGGTNII KLIDTVKDPV SKTPALVFY INNTDFKQLY QILTDIFDIRF YMYELLKALD YCHSKGIMHR DVKPHNV MID HQQKLRLLID WGLAEFYHPA QEYNVRVASR YFKGPELLVD YQMYDYSLDM WSLGCMLASM IFRREPFPHG QDNYDQLVRI AKVLGTEELY GYLKKYHIDL DPHFNDILGQ HSRKRWFENFI HSENRLVSP EALDLLDKLL
Source	E.coli.
Physical Appearance and Stability	Sterile Filtered colorless solution. Store at 4°C if entire vial will be used within 2-4 weeks. Store, frozen at -20°C for longer periods of time. For long term storage it is recommended to add a carrier protein (0.1% HSA or BSA). Avoid multiple freeze-thaw cycles.
Formulation and Purity	CSNK2A2 protein solution (0.5mg/ml) containing 20mM Tris-HCl buffer (pH 8.0), 0.15M NaCl, 30% glycerol and 1mM DTT. Greater than 90% as determined by SDS-PAGE.
Application	
Solubility	
Biological Activity	
Shipping Format and Condition	Lyophilized powder at room temperature.

Optimal dilutions should be determined by each laboratory for each application. The listed dilutions are for recommendation only and the final conditions should be optimized by the ender users! This product is sold for **Research Use Only**