
Product Data Sheet

Product Name: CSNK2A2 Human
 Cat. No.: GP22478
 Batch No.: 1

Product Data

Purity	>98%	Source	E.coli.
Physical Appearance	solid	Shipping Condition	Shipped with Ice Packs.
Synonyms	CaseinKinase 2; Alpha Prime Polypeptide; CK II Alpha; EC 2.7.11.1; CK2A2; EC 2.7.11; CSNK2A1;Casein kinase II subunit alpha'.		
Amino Acid Sequence	MGSSHHHHHH SSGLVPRGSH MGSHPGPAA GSRARVYAEV NSLRSREYWD YEAHVPSWGN QDDYQLVRKL GRGKYSEVFE AINITNNERV VVKILKPVKK KKIKREVKIL ENLRGGTNII KLIDTVKDPV SKTPALVFEY INNTDFKQLY QILTDFDIRF YMYELLKALD YCHSKGIMHR DVKPHNVMID HQQKKLRLID WGLAEFYHPA QEYNVRVASR YFKGPELLVD YQMYDYSLDM WSLGCM LASM IFRREPFHFG QDNYDQLVRI AKVLGTEELY GYLKKYHIDL DPHFNDILGQ HSRKRWENFI HSENRHLVSP EALDLLDKLL RYDHQQRLTA KEAMEHPYFY PVVKEQSQPC ADNAVLSSGL TAAR.		
Formulation	CSNK2A2 protein solution (0.5mg/ml) containing 20mMTris-HCl buffer (pH 8.0), 0.15M NaCl, 30% glycerol and 1mM DTT.		

Introduction

Casein kinase 2 subunit alpha (CSNK2A2) controls numerous cellular processes, such as cell cycle progression, apoptosis and transcription, as well as viral infection. CSNK2A2 protein functions as a regulatory node which integrates and coordinates numerous signals leading to an appropriate cellular response.

Stability

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.

Background

CSNK2A2 Human Recombinant produced in E.Coli is a single, non-glycosylated

Caution: Product has not been fully validated for medical applications. For research use only.

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polypeptide chain containing 374 amino acids (1-350 a.a) and having a molecular mass of 43.7kDa.

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