Recombinant Human CSNK2A1 Protein, MYC/DDK-tagged

Cat. No. CSNK2A1-3356H **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Recombinant Human CSNK2A1 protein, fused to MYC/DDK-tagged at C-terminus, was expressed in HEK293.
Species	Human
Source	HEK293
Description	Casein kinase II is a serine/threonine protein kinase that phosphorylates acidic proteins such as casein. It is involved in various cellular processes, including cell cycle control, apoptosis, and circadian rhythm. The kinase exists as a tetramer and is composed of an alpha, an alpha-prime, and two beta subunits. The alpha subunits contain the catalytic activity while the beta subunits undergo autophosphorylation. The protein encoded by this gene represents the alpha subunit. While this gene is found on chromosome 20, a related transcribed pseudogene is found on chromosome 11. Three transcript variants encoding two different proteins have been found for this gen
Form	25 mM Tris.HCl, pH 7.3, 100 mM glycine, 10% glycerol.
Molecular Mass	45 kDa
Purity	> 80% as determined by SDS-PAGE and Coomassie blue staining
Concentration	>50 ug/mL as determined by microplate BCA method

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GENE INFORMATION

Gene Name	CSNK2A1 casein kinase 2, alpha 1 polypeptide [Homo sapiens]
Official Symbol	CSNK2A1
Synonyms	CK2A1; CKII; CSNK2A3
Gene ID	1457
mRNA Refseq	NM_001895
Protein Refseq	NP_001886
MIM	115440
UniProt ID	P68400

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