

Recombinant Human CSNK2B Protein, His-tagged

Cat. No. CSNK2B-01H **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Recombinant protein from the full-length sequence of Homo sapiens casein kinase 2 beta (CSNK2B), transcript variant 1 (NM_001320), with a His tag was expressed in human cells.
Species	Human
Source	Human Cells
Description	This gene encodes the beta subunit of casein kinase II, a ubiquitous protein kinase which regulates metabolic pathways, signal transduction, transcription, translation, and replication. The enzyme is composed of three subunits, alpha, alpha prime and beta, which form a tetrameric holoenzyme. The alpha and alpha prime subunits are catalytic, while the beta subunit serves regulatory functions. The enzyme localizes to the endoplasmic reticulum and the Golgi apparatus. Two transcript variants encoding different isoforms have been found for this gene.
Molecular Mass	24.8 kDa
Endotoxin	< 0.1 ng/μg of protein (< 1 EU/μg)
Purity	> 90% by SDS-PAGE gel and Coomassie Blue staining
Applications	Antigens, Western, ELISA and other in vitro binding or in vivo functional assays, and protein-protein interaction studies; For research & development use only!

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Storage Buffer

Purified protein formulated in a sterile solution of PBS buffer, pH 7.2, without any preservatives

GENE INFORMATION
Gene Name

CSNK2B casein kinase 2 beta [Homo sapiens (human)]

Official Symbol

CSNK2B

Synonyms

CSNK2B; casein kinase 2 beta; G5A; CK2B; CK2N; Ckb1; Ckb2; CSK2B; POBINDS; casein kinase II subunit beta; CK II beta; CSNK2B-LY6G5B-1072; CSNK2B-LY6G5B-1103; CSNK2B-LY6G5B-532; CSNK2B-LY6G5B-560; CSNK2B-LY6G5B-562; Casein kinase II beta subunit; G5a, phosvitin; casein kinase 2, beta polypeptide; phosvitin; protein G5a; EC 2.7.11.1

Gene ID

1460

mRNA Refseq

NM_00132

Protein Refseq

NP_001311

MIM

115441

UniProt ID

P67870

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