Recombinant Human CSNK2B Protein, GST-tagged

Cat. No. CSNK2B-2013H **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Human CSNK2B full-length ORF (NP_001311.3, 1 a.a. - 215 a.a.) recombinant protein with GST-tag at N-terminal.
Species	Human
Source	Wheat Germ
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. [provided by RefSeq, Sep 2013]
Molecular Mass	51.3 kDa
AA Sequence	MSSSEEVSWISWFCGLRGNEFFCEVDEDYIQDKFNLTGLNEQVPHYRQALDMILDL EPDEELEDNPNQSDLIEQAAEMLYGLIHARYILTNRGIAQMLEKYQQGDFGYCPRVY CENQPMLPIGLSDIPGEAMVKLYCPKCMDVYTPKSSRHHHTDGAYFGTGFPHMLFM VHPEYRPKRPANQFVPRLYGFKIHPMAYQLQLQAASNFKSPVKTIR
Applications	Enzyme-linked Immunoabsorbent Assay Western Blot (Recombinant protein) Antibody Production

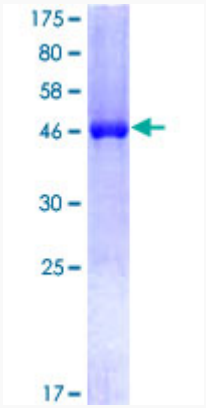
Tel: 1-631-559-9269 1-516-512-3133
Email: info@creative-biomart.com Fax: 1-631-938-8127
45-1 Ramsey Road, Shirley, NY 11967, USA

	Protein Array
Notes	Best use within three months from the date of receipt of this protein.
Storage	Store at -80 centigrade. Aliquot to avoid repeated freezing and thawing.
Storage Buffer	50 mM Tris-HCl, 10 mM reduced Glutathione, pH=8.0 in the elution buffer.

GENE INFORMATION

Gene Name	CSNK2B casein kinase 2, beta polypeptide [Homo sapiens]
Official Symbol	CSNK2B
Synonyms	CSNK2B; casein kinase 2, beta polypeptide; casein kinase II subunit beta; phosvitin; CK II beta; protein G5a; Casein kinase II beta subunit; alternative name: G5a, phosvitin; G5A; CK2B; CK2N; CSK2B; MGC138222; MGC138224;
Gene ID	1460
mRNA Refseq	NM_001320
Protein Refseq	NP_001311
MIM	115441
UniProt ID	P67870

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Quality Control Testing:	 12.5% SDS-PAGE Stained with Coomassie Blue.

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