

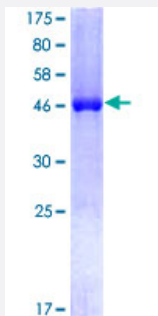
Full-Length

CSNK2B (Human) Recombinant Protein (P01)

Catalog # H00001460-P01

Size 25 ug, 10 ug

Applications



Specification

Product Description	Human CSNK2B full-length ORF (NP_001311.3, 1 a.a. - 215 a.a.) recombinant protein with GST-tag at N-terminal.
Sequence	MSSSEEVSWISWFCGLRGNEFFCEVDEDEDYQDKFNLTGLNEQVPHYRQALDMILDLEPDEELED NPNQSDLIEQAAEMLYGLIHARYILTNRGIAQMLEKYQQGDFGYCPRVYCENQPMLPIGLSDIPGEA MVKLYCPKCMDVYTPKSSRHHHTDGAYFGTGFPHMLFMVHPEYRPKR PANQFVPRLYGFKIHPM AYQLQLQAASNFKSPVKTIR
Host	Wheat Germ (in vitro)
Theoretical MW (kDa)	51.3
Preparation Method	in vitro wheat germ expression system
Purification	Glutathione Sepharose 4 Fast Flow
Quality Control Testing	12.5% SDS-PAGE Stained with Coomassie Blue.
Storage Buffer	50 mM Tris-HCl, 10 mM reduced Glutathione, pH=8.0 in the elution buffer.
Storage Instruction	Store at -80°C. Aliquot to avoid repeated freezing and thawing.
Note	Best use within three months from the date of receipt of this protein.

Applications

- Enzyme-linked Immunoabsorbent Assay
- Western Blot (Recombinant protein)
- Antibody Production
- Protein Array

Gene Info — CSNK2B

Entrez GeneID [1460](#)

GeneBank Accession# [NM_001320.5](#)

Protein Accession# [NP_001311.3](#)

Gene Name CSNK2B

Gene Alias CK2B, CK2N, CSK2B, G5A, MGC138222, MGC138224

Gene Description casein kinase 2, beta polypeptide

Omim ID [115441](#)

Gene Ontology [Hyperlink](#)

Gene Summary This gene encodes the beta subunit of casein kinase II, a ubiquitous protein kinase which regulate s metabolic pathways, signal transduction, transcription, translation, and replication. The enzyme i s 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 function s. The enzyme localizes to the endoplasmic reticulum and the Golgi apparatus. [provided by RefS eq

Other Designations Casein kinase II beta subunit|OTTHUMP00000029060|OTTHUMP00000029063|OTTHUMP0000 0029064|alternative name: G5a, phosvitin|phosvitin

Pathway

- [Adherens junction](#)
- [Tight junction](#)

- [Wnt signaling pathway](#)

Disease

- [Arthritis](#)
- [Cardiovascular Diseases](#)
- [Diabetes Mellitus](#)
- [Edema](#)
- [Genetic Predisposition to Disease](#)
- [Lupus Erythematosus](#)
- [Osteoarthritis](#)