

Recombinant Mouse Csnk2b Protein, Myc/DDK-tagged

Cat. No. Csnk2b-2342M Lot. No. (See product label)

SPECIFICATION

Product Overview	Purified recombinant protein of mouse full-length casein kinase 2, beta polypeptide (Csnk2b), with C-terminal MYC/DDK tag, expressed in HEK293T cells.
Species	Mouse
Source	HEK293
Description	This gene encodes the beta subunit of the casein kinase 2 enzyme, which is a heterotetramer comprised of alpha and/or alpha-prime catalytic subunits and two regulatory beta subunits. Casein kinase 2 is involved in the regulation of several cellular processes including gene expression, protein synthesis and cell proliferation. Knockout of this gene in mice leads to embryonic lethality. Alternative splicing of this gene results in multiple transcript variants.
Molecular Mass	24.9 kDa
Purity	> 80% as determined by SDS-PAGE and Coomassie blue staining
Stability	Stable for 12 months from the date of receipt of the product under proper storage and handling conditions. Avoid repeated freeze-thaw cycles.
Storage	Store at -80 centigrade after receiving vials.
Concentration	>50 µg/mL as determined by microplate BCA method

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Storage Buffer 25 mM Tris.HCl, pH 7.3, 100 mM glycine, 10% glycerol.

GENE INFORMATION

Gene Name Csnk2b casein kinase 2, beta polypeptide [*Mus musculus* (house mouse)]

Official Symbol Csnk2b

Synonyms CSNK2B; casein kinase 2, beta polypeptide; casein kinase II subunit beta; phosvitin; CK II beta; casein kinase II, beta subunit

Gene ID 13001

mRNA Refseq NM_009975

Protein Refseq NP_034105

UniProt ID P67871

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