

## Product datasheet for **TP502367**

### Csnk2b (NM\_009975) Mouse Recombinant Protein

#### Product data:

Product Type:	Recombinant Proteins
Description:	Purified recombinant protein of Mouse casein kinase 2, beta polypeptide (Csnk2b), with C-terminal MYC/DDK tag, expressed in HEK293T cells, 20ug
Species:	Mouse
Expression Host:	HEK293T
Expression cDNA Clone or AA Sequence:	>MR202367 representing NM_009975 <b>Red</b> =Cloning site <b>Green</b> =Tags(s)
	 MSSSEEVSWISWFCGLRGNEFFCEVDEDEYIQDKFNLTGLNEQVPHYRQALDMILDLEPDEELEDNPNQSD LIEQAAEMLYGLIHARYILTNRGIAQMLEKYQQGDFGYCPRVYCENQPMLPIGLSDIPGEAMVKLYCPKC MDVYTPKSSRHHHTDGAYFGTGFPHMLFMVHPEYRPKRPNQFVPRLYGFKIHPMAYQLQLQAASNFKSP VKTIR  <b>TRTRPLEQKLISEEDLAANDILDYKDDDDKV</b>
Tag:	C-MYC/DDK
Predicted MW:	24.9 kDa
Concentration:	>0.05 µg/µL as determined by microplate BCA method
Purity:	> 80% as determined by SDS-PAGE and Coomassie blue staining
Buffer:	25 mM Tris-HCl, 100 mM glycine, pH 7.3, 10% glycerol
Note:	For testing in cell culture applications, please filter before use. Note that you may experience some loss of protein during the filtration process.
Storage:	Store at -80°C after receiving vials.
Stability:	Stable for 12 months from the date of receipt of the product under proper storage and handling conditions. Avoid repeated freeze-thaw cycles.
RefSeq:	<a href="#">NP_034105</a>
Locus ID:	13001
UniProt ID:	<a href="#">P67871</a>
RefSeq Size:	970



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**Cytogenetics:** 17 18.59 cM

**RefSeq ORF:** 645

**Synonyms:** CK II beta

**Summary:** 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. [provided by RefSeq, Jan 2015]