

## Recombinant Mouse Csnk1g3 Protein, Myc/DDK-tagged

Cat. No. Csnk1g3-2340M Lot. No. (See product label)

### SPECIFICATION

<b>Product Overview</b>	Purified recombinant protein of mouse full-length casein kinase 1, gamma 3 (Csnk1g3), with C-terminal MYC/DDK tag, expressed in HEK293T cells.
<b>Species</b>	Mouse
<b>Source</b>	HEK293
<b>Description</b>	Serine/threonine-protein kinase. Casein kinases are operationally defined by their preferential utilization of acidic proteins such as caseins as substrates. It can phosphorylate a large number of proteins. Participates in Wnt signaling. Regulates fast synaptic transmission mediated by glutamate.
<b>Molecular Mass</b>	48.9 kDa
<b>Purity</b>	> 80% as determined by SDS-PAGE and Coomassie blue staining
<b>Stability</b>	Stable for 12 months from the date of receipt of the product under proper storage and handling conditions. Avoid repeated freeze-thaw cycles.
<b>Storage</b>	Store at -80 centigrade after receiving vials.
<b>Concentration</b>	>50 µg/mL as determined by microplate BCA method
<b>Storage Buffer</b>	25 mM Tris.HCl, pH 7.3, 100 mM glycine, 10% glycerol.

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## GENE INFORMATION

<b>Gene Name</b>	Csnk1g3 casein kinase 1, gamma 3 [ Mus musculus (house mouse) ]
<b>Official Symbol</b>	Csnk1g3
<b>Synonyms</b>	CSNK1G3; casein kinase 1, gamma 3; casein kinase I isoform gamma-3; CKI-gamma 3; 3300002K07Rik; C330049O21Rik
<b>Gene ID</b>	70425
<b>mRNA Refseq</b>	NM_152809
<b>Protein Refseq</b>	NP_690022
<b>UniProt ID</b>	Q8C4X2

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