

## Product datasheet for **TP517544**

### Csnk1g3 (NM\_152809) Mouse Recombinant Protein

#### Product data:

**Product Type:** Recombinant Proteins  
**Description:** Purified recombinant protein of Mouse casein kinase 1, gamma 3 (Csnk1g3), with C-terminal MYC/DDK tag, expressed in HEK293T cells, 20ug  
**Species:** Mouse  
**Expression Host:** HEK293T  
**Expression cDNA Clone or AA Sequence:** >MR217544 representing NM\_152809  
**Red**=Cloning site **Green**=Tags(s)

MDNKKKDKDKSDDRMARPSGRSGHSTRGTGSSSSGVLVMPNFRVGGKIGCGNFGELRLGKNLYTNEYVA  
IKLEPMKSRAPQLHLEYRFYKQLGSGDGIPQVYFGPCGKYNAMVLELLGPSLEDLFDLCDRTFSLKTVL  
MIAIQLSRMEYVHSKNLIYRDVDPENFLIGRPGNKAQQVIHIDFGLAKEYIDPETKKHIPYREHKSLT  
GTARYMSINTHLGKEQSRDDLEALGHMFMYFLRGLPWQGLKADTLKERYQKIGDTRATPIEVLCECF  
PEEMATYLRVRRDLDFEKPDPYDYLRLKLFDFDRKGYMFDYEYDWIGKQLPTVPGAVQQDPALSSNREA  
HQHRDKIQSKNQVSSSTNGELNTDDPTAGRSNAPITAPTEVEVMDETNCQKVLNMWCCCFKRRKRRTI  
QRHK

**TRTRPLEQKLISEEDLAANDILDYKDDDDKV**

**Tag:** C-MYC/DDK  
**Predicted MW:** 48.9 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:** [NP\\_690022](#)  
**Locus ID:** 70425



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UniProt ID:	<u>Q8C4X2</u>
RefSeq Size:	4394
Cytogenetics:	18 D1
RefSeq ORF:	1272
Synonyms:	3300002K07Rik; C330049O21Rik
Summary:	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 (By similarity). Regulates fast synaptic transmission mediated by glutamate.[UniProtKB/Swiss-Prot Function]