

## Product datasheet for **TP322490L**

### **CSNK1G3 (NM\_004384) Human Recombinant Protein**

#### Product data:

**Product Type:** Recombinant Proteins  
**Description:** Recombinant protein of human casein kinase 1, gamma 3 (CSNK1G3), transcript variant 1, 1 mg  
**Species:** Human  
**Expression Host:** HEK293T  
**Expression cDNA Clone or AA Sequence:** >RC222490 representing NM\_004384  
**Red**=Cloning site **Green**=Tags(s)

MENKKKDKDKSDDRMARPSGRSGHNTRGTGSSSSGVLMMVGNFRVGGKIGCGNFGELRLGKNLYTNEYVA  
IKLEPMKSRAPQLHLEYRFYKQLGSGDGIPQVYFGPCGKYNAMVLELLGPSLEDLFDLCDRTFSLKTVL  
MIAIQLSRMEYVHSKNLIYRDVKPENFLIGRPGNKTQQVIHIIDFALAKEYIDPETKKHIPYREHKS  
LTGTARYMSINTHLGKEQSRDDLEALGHMFMFLRGLPWQGLKADTLKERYQKIGDTRATPIEVLCE  
NFPEMATYLRVRRLDFFEKPDYDYLRLFTDLFDRKGYMFDYEDWIGKQLPTVGVAVQDPALSSNREAH  
QHRDKMQQSKNQVVSSTNGELNTDDPTAGRSNAPITAPTEVEVMDETKCCFFKRRKRKTIQRHK

**TRTRPLEQKLISEEDLAANDILDYKDDDDKV**

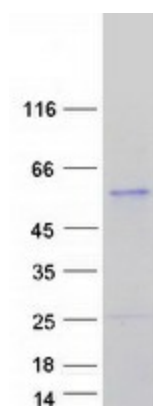
**Tag:** C-Myc/DDK  
**Predicted MW:** 51.2 kDa  
**Concentration:** >0.05 µg/µL as determined by microplate BCA method  
**Purity:** > 80% as determined by SDS-PAGE and Coomassie blue staining  
**Buffer:** 25 mM Tris-HCl, 100 mM glycine, pH 7.3, 10% glycerol  
**Preparation:** Recombinant protein was captured through anti-DDK affinity column followed by conventional chromatography steps.  
**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.  
**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\\_004375](#)  
**Locus ID:** 1456



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UniProt ID:	<a href="#">Q9Y6M4</a>
RefSeq Size:	4352
Cytogenetics:	5q23.2
RefSeq ORF:	551
Synonyms:	CKI-gamma 3; CSNK1G3L
Summary:	This gene encodes a member of a family of serine/threonine protein kinases that phosphorylate caseins and other acidic proteins. A related protein in the African clawed frog participates in the transmission of Wnt/beta-catenin signaling. Alternatively spliced transcript variants encoding multiple isoforms have been observed for this gene. [provided by RefSeq, Jul 2012]
Protein Families:	Druggable Genome, Protein Kinase
Protein Pathways:	Hedgehog signaling pathway

### Product images:



Coomassie blue staining of purified CSNK1G3 protein (Cat# [TP322490]). The protein was produced from HEK293T cells transfected with CSNK1G3 cDNA clone (Cat# [RC222490]) using MegaTran 2.0 (Cat# [TT210002]).