

## Product datasheet for **TP307965L**

### **CSNK1G3 (NM\_001031812) Human Recombinant Protein**

#### **Product data:**

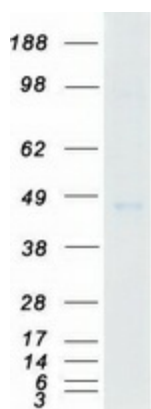
<b>Product Type:</b>	Recombinant Proteins
<b>Description:</b>	Recombinant protein of human casein kinase 1, gamma 3 (CSNK1G3), transcript variant 2, 1 mg
<b>Species:</b>	Human
<b>Expression Host:</b>	HEK293T
<b>Expression cDNA</b>	>RC207965 protein sequence
<b>Clone or AA Sequence:</b>	<b>Red</b> =Cloning site <b>Green</b> =Tags(s)
	 MENKKKDKDKSDDRMARPSGRSGHNTRGTGSSSSGVLVMPNFRVGGKIGCGNFGELRLGKNLYTNEYVA IKLEPMKSRAPQLHLEYRFYEQLGSGDGIPQVYFPGCGKYNAMVLELLGPSLEDLFDLCDRTFSLKTVL MIAIQLSRMEYVHSKNLIYRDVKPENFLIGRPGNKTTQVIHIIIDFGLAKEYIDPETKKHIPYREHKS GTARYMSINTHLGKEQSRRDDLEALGHMFMFLRGLSPWQGLKADTLKERYQKIGDTRATPIEVLCE PEMATYLRVRRDLDFEKPDPDYLRKLFDFDRKGYMFDYEDWIGKQLPTVPGAVQQDPALSSNREAH QHRDKMQQSKNQVVSSTNGELNTDDPTAGRSNAPITAPTEVEVMDETNCQKVLNMWCCCCFFKRRKRKTIQ RHK  <b>TRTRPLEQKLISEEDLAANDILDYKDDDDKV</b>
<b>Tag:</b>	C-Myc/DDK
<b>Predicted MW:</b>	48.7 kDa
<b>Concentration:</b>	>0.05 µg/µL as determined by microplate BCA method
<b>Purity:</b>	> 80% as determined by SDS-PAGE and Coomassie blue staining
<b>Buffer:</b>	25 mM Tris-HCl, 100 mM glycine, pH 7.3, 10% glycerol
<b>Preparation:</b>	Recombinant protein was captured through anti-DDK affinity column followed by conventional chromatography steps.
<b>Note:</b>	For testing in cell culture applications, please filter before use. Note that you may experience some loss of protein during the filtration process.
<b>Storage:</b>	Store at -80°C.
<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>RefSeq:</b>	<u><a href="#">NP_001026982</a></u>



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Locus ID:	1456
UniProt ID:	<a href="#">Q9Y6M4</a>
RefSeq Size:	4651
Cytogenetics:	5q23.2
RefSeq ORF:	1269
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# [TP307965]). The protein was produced from HEK293T cells transfected with CSNK1G3 cDNA clone (Cat# [RC207965]) using MegaTran 2.0 (Cat# [TT210002]).