

Product datasheet for **TP307965M**

CSNK1G3 (NM_001031812) Human Recombinant Protein

Product data:

Product Type:	Recombinant Proteins
Description:	Recombinant protein of human casein kinase 1, gamma 3 (CSNK1G3), transcript variant 2, 100 µg
Species:	Human
Expression Host:	HEK293T
Expression cDNA	>RC207965 protein sequence
Clone or AA Sequence:	Red =Cloning site Green =Tags(s)

MENKKKDKDKSDDRMARPSGRSGHNTRGTGSSSSGVLMMVGNFRVGGKIGCGNFGELRLGKNLYTNEYVA
IKLEPMKSRAPQLHLEYRFYQLGSGDGIPQVYFPGCGKYNAMVLELLGPSLEDLFDLCDRTFSLKTVL
MIAIQLISRMEYVHSKNLIYRDVKPENFLIGRPGNKTTQVIHIDFGLAKEYIDPETKKHIPYREHKSLT
GTARYMSINTHLGKEQSRRDDLEALGHMFMYFLRGLPWQGLKADTLKERYQKIGDTRATPIEVLNCF
PEMATYLRVRRLLDFEKPDDYLRKLFDFDRKGYMFDYEDWIGKQLPTPVGAVQQDPALSSNREAH
QHRDKMQQSKNQVVSSTNGELNTDDPTAGRSNAPITAPTEVEVMDETNCQKVLNMWCCCCFFKRKRKTIQ
RHK

TRTRPLEQKLISEEDLAANDILDYKDDDDKV

Tag:	C-Myc/DDK
Predicted MW:	48.7 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.



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RefSeq: [NP_001026982](#)

Locus ID: 1456

UniProt ID: [Q9Y6M4](#)

RefSeq Size: 4651

Cytogenetics: 5q23.2

RefSeq ORF: 1269

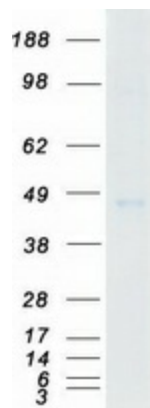
Synonyms: CKI-gamma 3; CSNK1G3L

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]).