

Product datasheet for TP322490

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, 20 µg
Species:	Human
Expression Host:	HEK293T
Expression cDNA Clone or AA Sequence:	>RC222490 representing NM_004384 Red=Cloning site Green=Tags(s)

MENKKKDKDKSDDRMARPSGRSGHNTRGTGSSSSGVLVMPNFRVGGKIGCGNFGELRLGKNLYTNEYVA
IKLEPMKSRAPQLHLEYRFYKQLGSGDGIPQVYFGPCGKYNAMVLELLGPSLEDLFDLCDRTFSLKTVL
MIAIQLSRMEYVHSKNLIYRDVVKPENFLIGRPGNKTQQVIHIIDFALAKEYIDPETKKHIPYREHKS
LTGTARYMSINTHLGKEQSRDDLEALGHMFMFLRGLPWQGLKADTLKERYQKIGDTRATPIEVLCE
NFPEMATYLRVRRLDFFEKPDYDYLRLFTDLFDRKGYMFDYEDWIGKQLPTVGVAVQDPALSSNREAH
QHRDKMQQSKNQVVSSTNGELNTDDPTAGRSNAPITAPTEVEVMDETKCCFFKRRKRKTIQRHK

TRTRPLEQKLISEEDLAANDILDYKDDDDKV

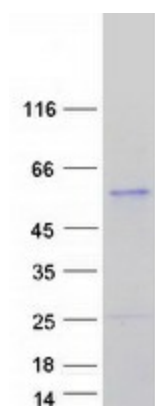
Tag:	C-Myc/DDK
Predicted MW:	51.2 kDa
Concentration:	>0.05 µg/µL as determined by microplate BCA method
Purity:	> 80% as determined by SDS-PAGE and Coomassie blue staining
Buffer:	25 mM Tris-HCl, 100 mM glycine, pH 7.3, 10% glycerol
Preparation:	Recombinant protein was captured through anti-DDK affinity 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:	Q9Y6M4
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]).