

## Product datasheet for PH322230

### CSNK1G3 (NM\_001044723) Human Mass Spec Standard

#### Product data:

Product Type:	Mass Spec Standards
Description:	CSNK1G3 MS Standard C13 and N15-labeled recombinant protein (NP_001038188)
Species:	Human
Expression Host:	HEK293
Expression cDNA Clone or AA Sequence:	RC222230
Predicted MW:	52.2 kDa
Protein Sequence:	>RC222230 representing NM_001044723 Red=Cloning site Green=Tags(s)

MENKKKDKDKSDDRMARPSGRSGHNTRGTGSSSSGVLVGPVNFVRVGGKIGCGNFGELRLGKNLYTNEYVA  
IKLEPMKSRAPQLHLEYRFYKQLGSGDGIPQVYFPGPCGKYNAMVLELLGPSLEDLFDLCDRTFSLKTVL  
MIAIQLISRMEYVHKNLIYRDVKPENFLIGRPGNKTQQVIHIIDFGLAKEYIDPETKKHIPYREHSLT  
GTARYMSINTHLGKEQSRDDLEALGHMFMYFLRGLPWQGLKADTLKERYQKIGDTKRATPIEVLCEFN  
PEMATYLRVRRDLDFEKPDDYDLRKLFTDLFDRKGYMFDYEDWIGKQLPTVAVGAVQDPALSSNREAH  
QHRDKMQSKNQSADHRAAWDSQQANPHHLRAHLAADRHHGGSVVVSSSTNGELNTDDPTAGRSNAPITAP  
TEVEVMDETNCQKVLNMWCCCFKRRKRKTIQRHK

TRTRPLEQKLISEEDLAANDILDYKDDDDKV

Tag:	C-Myc/DDK
Purity:	> 80% as determined by SDS-PAGE and Coomassie blue staining
Concentration:	>0.05 µg/µL as determined by microplate BCA method
Labeling Method:	Labeled with [U- <sup>13</sup> C <sub>6</sub> , <sup>15</sup> N <sub>4</sub> ]-L-Arginine and [U- <sup>13</sup> C <sub>6</sub> , <sup>15</sup> N <sub>2</sub> ]-L-Lysine
Buffer:	25 mM Tris-HCl, 100 mM glycine, pH 7.3
Storage:	Store at -80°C. Avoid repeated freeze-thaw cycles.
Stability:	Stable for 3 months from receipt of products under proper storage and handling conditions.
RefSeq:	<u>NP_001038188</u>
RefSeq Size:	4462
RefSeq ORF:	1365
Synonyms:	CKI-gamma 3; CSNK1G3L



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Locus ID: 1456

UniProt ID: [Q9Y6M4](#)

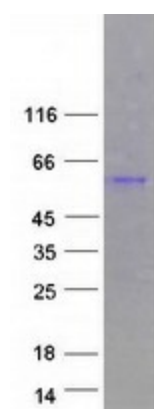
Cytogenetics: 5q23.2

**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# [TP322230]). The protein was produced from HEK293T cells transfected with CSNK1G3 cDNA clone (Cat# [RC222230]) using MegaTran 2.0 (Cat# [TT210002]).