

Product datasheet for **SC332980**

CSNK1G3 (NM_001270574) Human Untagged Clone

Product data:

Product Type: Expression Plasmids
Product Name: CSNK1G3 (NM_001270574) Human Untagged Clone
Tag: Tag Free
Symbol: CSNK1G3
Synonyms: CKI-gamma 3; CSNK1G3L
Vector: pCMV6-Entry (PS100001)
Fully Sequenced ORF: >SC332980 representing NM_001270574.
Blue=Insert sequence Red=Cloning site Green=Tag(s)

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ATGGTGCTGGAAGCTGCTGGGACCTAGTTTGAAGACTTGTGGACTTGTGTGACAGAACATTTTCTCTT
AAAACAGTTCTCATGATAGCTATACTGATTCTCGCATGGAATATGTCCATCAAAGAAGTTGATA
TACAGAGATGTAACCTGAGAAGCTTCTAATAGGACGACCAGGAAACAAAACCCAGCAAGTTATTCAC
ATTATAGATTTTGGTTTGGCAAAGGAATATATTGATCCGGAGACAAGAAACACATACCATACAGAGAA
CACAAGAGCCTTACAGGAACAGCTAGATATATGAGCATAAACACACATTTAGGAAAAGAACAAGTAGA
AGAGACGATTTAGAAGCTTTAGGTCATATGTTTCATGTATTTCTGAGAGGCAGTCTTCTTGGCAAGGC
TTAAAGGCTGACACATTAAGGAGAGGTATCAGAAAATTGGAGATACAAAACGGGCTACACCAATAGAA
GTGTTATGTGAAAATTTCCAGAAGAAATGGCAACATATCTTCGTTATGTAAAGGCTAGATTTTTTT
GAAAAACAGACTATGACTACTTAAGAAAGCTTTTACTGACTTGTGGTTCGAAAAGGATATGTTT
GATTATGAATATGACTGGATTGGTAAACAGTTGCCTACTCCAGTGGGTGCAGTTCAGCAAGATCCTGCT
CTGTCATCAAACAGAGAAGCACATCAACACAGAGATAAGATGCAACAATCCAAAACAGGTTGTAAGT
TCTACAAATGGAGAGTTAAACACAGATGACCCACCGCAGGACGTTCAAATGCACCCATCACAGCCCT
ACTGAAGTAGAAGTGATGGATGAAACCAACTGCCAGAAAGTGTGAACATGTGGTGTCTGTTTTTTT
AAACGAAGGAAAAGGAAAACCATACAGCGCCACAAATGA
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Restriction Sites: Sgfl-Mlul
ACCN: NM_001270574
Insert Size: 936 bp
OTI Disclaimer: Our molecular clone sequence data has been matched to the reference identifier above as a point of reference. Note that the complete sequence of our molecular clones may differ from the sequence published for this corresponding reference, e.g., by representing an alternative RNA splicing form or single nucleotide polymorphism (SNP).
Components: The ORF clone is ion-exchange column purified and shipped in a 2D barcoded Matrix tube containing 10ug of transfection-ready, dried plasmid DNA (reconstitute with 100 ul of water).



Reconstitution Method:

1. Centrifuge at 5,000xg for 5min.
2. Carefully open the tube and add 100ul of sterile water to dissolve the DNA.
3. Close the tube and incubate for 10 minutes at room temperature.
4. Briefly vortex the tube and then do a quick spin (less than 5000xg) to concentrate the liquid at the bottom.
5. Store the suspended plasmid at -20°C. The DNA is stable for at least one year from date of shipping when stored at -20°C.

RefSeq: [NM_001270574.1](#)

RefSeq Size: 4118 bp

RefSeq ORF: 936 bp

Locus ID: 1456

UniProt ID: [Q9Y6M4](#)

Cytogenetics: 5q23.2

Protein Families: Druggable Genome, Protein Kinase

Protein Pathways: Hedgehog signaling pathway

MW: 36.5 kDa

Gene 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]

Transcript Variant: This variant (7) differs in the 5' UTR and has multiple differences in the coding region, and initiates translation at a downstream in-frame start codon, compared to variant 1. The encoded isoform (7) has a shorter N-terminus, compared to isoform 1.

Sequence Note: This RefSeq record was created from transcript and genomic sequence data to make the sequence consistent with the reference genome assembly. The genomic coordinates used for the transcript record were based on transcript alignments.