

Recombinant Human CSNK1G3 Protein, Myc/DDK-tagged, C13 and N15-labeled

Cat. No. CSNK1G3-6288H **Lot. No.** (See product label)

SPECIFICATION

Product Overview

CSNK1G3 MS Standard C13 and N15-labeled recombinant protein (NP_004375) with a C-terminal MYC/DDK tag, was expressed in HEK293 cells.

Species

Human

Source

HEK293

Description

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.

Molecular Mass

47.92 kDa

AA Sequence

MENKKKDKDKSDDRMARPSGRSGHNTRGTGSSSSGVLMVGNFRVGGKIGCGNF
 GELRLGKNLYTNEYVAIKLEPMKSRAPQLHLEYRFYKQLGSGDGIPQVYYFGPCGKY
 NAMVLELLGPSLEDLFDLCDRTFSLKTVLMIAIQLISRMEYVHSKNLIYRDVKPENFLI
 GRPGNKTQQVIHIIDFALAKEYIDPETKKHIPYREHKSLTGTARYMSINTHLGKEQSRR
 DDLEALGHMFMFYFLRGS LPWQGLKADTLKERYQKIGDTKRATPIEVL CENFPEMAT
 YLRYVRRLDFFEKPDYDYLRLKFTDLFDRKGYMFDYEYDWIGKQLPTPVGAVQQDP
 ALSSNREAHQHRDKMQQSKNQVVSSTNGELNTDDPTAGRSNAPITAPTEVEVMDE
 TKCCFFKRRKRKTIQRHKTRTRPLEQKLISEEDLAANDILDYKDDDDKV

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Purity	> 80% as determined by SDS-PAGE and Coomassie blue staining
Stability	Stable for 3 months from receipt of products under proper storage and handling conditions.
Storage	Store at -80 centigrade. Avoid repeated freeze-thaw cycles.
Concentration	50 µg/mL as determined by BCA
Storage Buffer	100 mM glycine, 25 mM Tris-HCl, pH 7.3.

GENE INFORMATION

Gene Name	CSNK1G3 casein kinase 1 gamma 3 [Homo sapiens (human)]
Official Symbol	CSNK1G3
Synonyms	CSNK1G3; casein kinase 1, gamma 3; casein kinase I isoform gamma-3; CKI-gamma 3;
Gene ID	1456
mRNA Refseq	NM_004384
Protein Refseq	NP_004375
MIM	604253
UniProt ID	Q9Y6M4

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SDS-PAGE



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