

Datasheet for ABIN7558874
CSNK1G1 Protein (AA 1-459) (His tag)



[Go to Product page](#)

Overview

Quantity:	1 mg
Target:	CSNK1G1
Protein Characteristics:	AA 1-459
Origin:	Mouse
Source:	HEK-293 Cells
Protein Type:	Recombinant
Purification tag / Conjugate:	This CSNK1G1 protein is labelled with His tag.
Application:	SDS-PAGE (SDS), Western Blotting (WB)

Product Details

Purpose:	Custom-made recombinat Csnk1g1 Protein expressed in mammalien cells.
Sequence:	MDHSNREKDD RQRTTKTMAQ RNTHCSRPSG TSTSSGVLMV GPNFRVGGKI GCGNFGELRL GKNLYTNEYV AIKLEPIKSR APQLHLEYRF YKQLGSAGEG LPQVYFVFGPC GKYNAMVLEL LGPSLEDLFD LCDRTFTLKT VLMIAIQLLS RMEYVHSKNL IYRDVKPENF LIGRQGNKKE HVIHIIDFGL AKEYVDPETK KHIPYREHKS LTGTARYMSI NTHLGKEQSR RDDLEALGHM FMYFLRGS LP WQGLKADTLK ERYQKIGDTK RNTPIEALCE NFPEEMATYL RYVRRLDFFE KPDYEYLR TL FTDL FERKGY TFDYAYDWVG RPIPTPVGSV HVDSGASAIT RESHTHRDRP SQQQPLRNQT TSSERRGEWE IQPSRQTNTS YLTSHLAADR HGGSVQVSS TNGELNVDDP TGAHSNAPIT AHAEVEVVEE AKCCFFFRK RKKTAQRHK Sequence without tag. The proposed Purification-Tag is based on experiences with the expression system, a different complexity of the protein could make another tag necessary. In case you have a special request, please contact us.

Product Details

Characteristics:

Key Benefits:

- Made to order protein - from design to production - by highly experienced protein experts.
- Protein expressed in mammalian cells and purified in one-step affinity chromatography
- The optimized expression system ensures reliability for intracellular, secreted and transmembrane proteins.
- State-of-the-art algorithm used for plasmid design (Gene synthesis).

This protein is a made-to-order protein and will be made for the first time for your order. Our experts in the lab try to ensure that you receive soluble protein.

If you are not interested in a full length protein, please contact us for individual protein fragments.

The big advantage of ordering our made-to-order proteins in comparison to ordering custom made proteins from other companies is that there is no financial obligation in case the protein cannot be expressed or purified.

Purity:

> 90 % as determined by Bis-Tris Page, Western Blot

Grade:

custom-made

Target Details

Target:

CSNK1G1

Alternative Name:

Csnk1g1 ([CSNK1G1 Products](#))

Background:

Casein kinase I isoform gamma-1 (CKI-gamma 1) (EC 2.7.11.1),FUNCTION: Serine/threonine-protein kinase. Casein kinases are operationally defined by their preferential utilization of acidic proteins such as caseins as substrates. It can phosphorylate a large number of proteins. Participates in Wnt signaling. Phosphorylates CLSPN (By similarity). Regulates fast synaptic transmission mediated by glutamate. {ECO:0000250, ECO:0000269|PubMed:16014721}.

Molecular Weight:

52.7 kDa

UniProt:

[Q8BTH8](#)

Pathways:

[Hedgehog Signaling](#)

Application Details

Application Notes:

In addition to the applications listed above we expect the protein to work for functional studies as well. As the protein has not been tested for functional studies yet we cannot offer a

Application Details

guarantee though.

Restrictions: For Research Use only

Handling

Format: Liquid

Buffer: The buffer composition is at the discretion of the manufacturer.

Handling Advice: Avoid repeated freeze-thaw cycles.

Storage: -80 °C

Storage Comment: Store at -80°C.

Expiry Date: 12 months