

Datasheet for ABIN7548625
CSNK1G1 Protein (AA 1-422) (His tag)



[Go to Product page](#)

Overview

Quantity:	1 mg
Target:	CSNK1G1
Protein Characteristics:	AA 1-422
Origin:	Human
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 mammalian cells.
Sequence:	<p>MDHPSREKDE RQRTTKPMAQ RSAHCSRPSG SSSSSGVLMLV GPNFRVGKKI GCGNFGELRL GKNLYTNEYV AIKLEPIKSR APQLHLEYRF YKQLGSAGEG LPQVYFVYFGPC GKYNAMVLEL LGPSLEDLFD LCDRTFTLKT VLMIAIQLLS RMEYVHSKNL IYRDVKPENF LIGRQGNKKE HVIHIIDFGL AKEYIDPETK KHIPYREHKS LTGTARYMSI NTHLGKEQSR RDDLEALGHM FMYFLRGS LP WQGLKADTLK ERYQKIGDTK RNTPIEALCE NFPEEMATYL RYVRRLDFFE KPDYEYLR TL FTDLFEKKG Y TFDYAYDWVG RPIPTVGSV HVDSGASAIT RESHTHRDRP SQQQPLRNQV VSSTNGELNV DDPTGAHSNA PITAHAEVEV VEEAKCCCF KKRKKTAAQR HK</p> <p>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.</p>
Characteristics:	Key Benefits:

Product Details

- 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
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Grade:	custom-made
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Target Details

Target:	CSNK1G1
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Alternative Name:	CSNK1G1 (CSNK1G1 Products)
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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. Regulates fast synaptic transmission mediated by glutamate (By similarity). Phosphorylates CLSPN. {ECO:0000250, ECO:0000269 PubMed:21680713}.
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Molecular Weight:	48.5 kDa
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UniProt:	Q9HCP0
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Pathways:	Hedgehog Signaling
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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 guarantee though.
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Application Details

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