

Datasheet for ABIN7561840  
**SGK2 Protein (AA 1-367) (His tag)**



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## Overview

Quantity:	1 mg
Target:	SGK2
Protein Characteristics:	AA 1-367
Origin:	Mouse
Source:	HEK-293 Cells
Protein Type:	Recombinant
Purification tag / Conjugate:	This SGK2 protein is labelled with His tag.

## Product Details

Purpose:	Custom-made recombinant Sgk2 Protein expressed in mammalian cells.
Sequence:	MASSPVGVPS PQPSRANGNI NLGPSANPNA RPTDFDFLKV IGKGNYGKVL LAKRKSDGAF YAVKVLQKKS ILKNKEQNHI MAERNVLLKN VRHPFLVGLR YSFQTPEKLY FVLDYVNGGE LFFHLQRERR FLEPRARFYT AEVASAIGYL HSLNIIYRDL KPENILLDCQ GHVLTDFGL CKECVEPEET TSTFCGTPEY LAPEVLRKEP YDRAVDWWCL GAVLYEMLHG LPPFFNTDVA QMYENILHQP LQIPGGRTVA ACDLLQGLLH KDQRQLGSK EDFLDIKNHM FFSPINWDDL YHKRLTPPFN PNVEGPADLK HFDPEFTQEA VSKSIGCTPD TVASSSGASS AFLGFSYAQD DDDILDS <b>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.</b>
Specificity:	If you are looking for a specific domain and are interested in a partial protein or a different isoform, please contact us regarding an individual offer.
Characteristics:	Key Benefits:

## Product Details

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- 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.

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Purity:	> 90 % as determined by Bis-Tris PAGE, anti-tag ELISA, Western Blot and analytical SEC (HPLC)
Grade:	custom-made

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## Target Details

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Target:	SGK2
Alternative Name:	Sgk2 ( <a href="#">SGK2 Products</a> )
Background:	Serine/threonine-protein kinase Sgk2 (EC 2.7.11.1) (Serum/glucocorticoid-regulated kinase 2),FUNCTION: Serine/threonine-protein kinase which is involved in the regulation of a wide variety of ion channels, membrane transporters, cell growth, survival and proliferation. Up-regulates Na(+) channels: SCNN1A/ENAC, K(+) channels: KCNA3/Kv1.3, KCNE1 and KCNQ1, amino acid transporter: SLC6A19, glutamate transporter: SLC1A6/EAAT4, glutamate receptors: GRIA1/GLUR1 and GRIK2/GLUR6, Na(+)/H(+) exchanger: SLC9A3/NHE3, and the Na(+)/K(+) ATPase. {ECO:0000269 PubMed:15774535, ECO:0000269 PubMed:15774536, ECO:0000269 PubMed:21865597}.
Molecular Weight:	41.4 kDa
UniProt:	<a href="#">Q9QZS5</a>

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## Application Details

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Application Notes:	We expect the protein to work for functional studies. As the protein has not been tested for
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## Application Details

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functional studies yet we cannot offer a guarantee though.

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Restrictions: For Research Use only

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## Handling

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Format: Liquid

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

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Handling Advice: Avoid repeated freeze-thaw cycles.

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Storage: -80 °C

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Storage Comment: Store at -80°C.

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Expiry Date: 12 months

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