

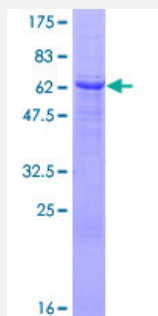
Full-Length

SGK2 (Human) Recombinant Protein (P01)

Catalog # H00010110-P01

Size 25 ug, 10 ug

Applications



Specification

Product Description

Human SGK2 full-length ORF (NP_733794.1, 1 a.a. - 367 a.a.) recombinant protein with GST-tag at N-terminal.

Sequence

MNSSPAGTPSPQPSRANGNINLGPSANPNAQPTDFDFLKVIGKGNYGKVLLAKRKSDGAFYAVK
VLQKKSILKKKEQSHIMAERSVLLKNVRHPFLVGLRYSFQTPEKLYFVDYVNGGELFFHLQRERR
FLEPRARFYAAEVASAIGYLHSLNIYRDLKPENILLDCQGHVVLTDGFLCKEGVEPEDTTSTFCGT
PEYLAPEVLRKEPYDRAVDWWCLGAVLYEMLHGLPPFYSDVVSQMYENILHQPLQIPGGRTVAA
CDLLQSLHDKDQRQLGSKADFLEIKNHVFFSPINWDDLYHKRLTPPFNPNVTGPADLKHFDPEF
TQEAVSKSIGCTPDTVASSSGASSAFLGFSYAPEDDDILDC

Host

Wheat Germ (in vitro)

Theoretical MW (kDa)

67.6

Preparation Method

[in vitro wheat germ expression system](#)

Purification

Glutathione Sepharose 4 Fast Flow

Quality Control Testing

12.5% SDS-PAGE Stained with Coomassie Blue.

Storage Buffer

50 mM Tris-HCl, 10 mM reduced Glutathione, pH=8.0 in the elution buffer.

Storage Instruction

Store at -80°C. Aliquot to avoid repeated freezing and thawing.

Note

Best use within three months from the date of receipt of this protein.

Applications

- Enzyme-linked Immunoabsorbent Assay
- Western Blot (Recombinant protein)
- Antibody Production
- Protein Array

Gene Info — SGK2

Entrez GeneID [10110](#)

GeneBank Accession# [NM_170693.1](#)

Protein Accession# [NP_733794.1](#)

Gene Name SGK2

Gene Alias H-SGK2, dJ138B7.2

Gene Description serum/glucocorticoid regulated kinase 2

Omim ID [607589](#)

Gene Ontology [Hyperlink](#)

Gene Summary This gene encodes a serine/threonine protein kinase. Although this gene product is similar to serum- and glucocorticoid-induced protein kinase (SGK), this gene is not induced by serum or glucocorticoids. This gene is induced in response to signals that activate phosphatidylinositol 3-kinase, which is also true for SGK. Two alternate transcripts encoding two different isoforms have been described. [provided by RefSeq]

Other Designations OTTHUMP00000031702|OTTHUMP00000031703|OTTHUMP00000031705