

Product datasheet for **TP304101M**

SGK2 (NM_170693) Human Recombinant Protein

Product data:

Product Type:	Recombinant Proteins
Description:	Recombinant protein of human serum/glucocorticoid regulated kinase 2 (SGK2), transcript variant 1, 100 µg
Species:	Human
Expression Host:	HEK293T
Expression cDNA Clone or AA Sequence:	>RC204101 protein sequence Red =Cloning site Green =Tags(s)
	<p>MNSSPAGTPSPQPSRANGNINLGPSANPNAQPTDFDFLKVIGKGNYGKVVLLAKRKSDFYAVKVLQKKS ILKKKEQSHIMAERSVLLKNVRHPFLVGLRYSFQTPEKLYFVLDYVNGGELFFHLQRERRFLEPRARFYA AEVASAIGYLHSLNIIYRDLKPENILLDCQGHVLTDFGLCKEGVEPEDTTSTFCGTPEYLAPEVLRKEP YDRAVDWWCLGAVLYEMLHGLPPFYSQDVSQMYENILHQPLQIPGGRTVAACDLLQSLHDKDQRQLGSK ADFLEIKNHVFFSPINWDDLYHKRLTPPFNPNVTGPADLKHFDPEFTQEAVSKSIGCTPDTVAVSSGASS AFLGFSYAPEDDDILDC</p> <p>TRTRPLEQKLISEEDLAANDILDYKDDDDKV</p>
Tag:	C-Myc/DDK
Predicted MW:	41 kDa
Concentration:	>0.05 µg/µL as determined by microplate BCA method
Purity:	> 80% as determined by SDS-PAGE and Coomassie blue staining
Buffer:	25 mM Tris-HCl, 100 mM glycine, pH 7.3, 10% glycerol
Preparation:	Recombinant protein was captured through anti-DDK affinity column followed by conventional chromatography steps.
Note:	For testing in cell culture applications, please filter before use. Note that you may experience some loss of protein during the filtration process.
Storage:	Store at -80°C.
Stability:	Stable for 12 months from the date of receipt of the product under proper storage and handling conditions. Avoid repeated freeze-thaw cycles.
RefSeq:	<u>NP_733794</u>



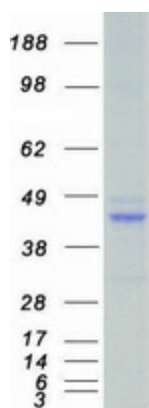
[View online »](#)

Locus ID: 10110
UniProt ID: [Q9HBY8](#)
RefSeq Size: 1913
Cytogenetics: 20q13.12
RefSeq ORF: 1101
Synonyms: dj138B7.2; H-SGK2

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. Alternative splicing results in multiple transcript variants. [provided by RefSeq, Nov 2010]

Protein Families: Druggable Genome, Protein Kinase

Product images:



Coomassie blue staining of purified SGK2 protein (Cat# [TP304101]). The protein was produced from HEK293T cells transfected with SGK2 cDNA clone (Cat# [RC204101]) using MegaTran 2.0 (Cat# [TT210002]).