

## Product datasheet for **TP505649**

### Sgk2 (NM\_013731) Mouse Recombinant Protein

#### Product data:

Product Type:	Recombinant Proteins
Description:	Purified recombinant protein of Mouse serum/glucocorticoid regulated kinase 2 (Sgk2), with C-terminal MYC/DDK tag, expressed in HEK293T cells, 20ug
Species:	Mouse
Expression Host:	HEK293T
Expression cDNA Clone or AA Sequence:	>MR205649 protein sequence <b>Red</b> =Cloning site <b>Green</b> =Tags(s)

MASSPVGVPSQPQSRANGNINLGPSANPNARPTDFDFLKVIGKGNYGKVLLAKRKSDGAFYAVKVLQKKS  
ILKNKENHIMAERNVLLKNVRHPFLVGLRYSFQTPEKLYFVLDYVNGGELFFHLQRRERFLEPRARFYTA  
EVASAIGYLHSLNIIYRDLKPENILLDCQGHVLTDFGLCKEVEPEETTSTFCGTPEYLAPEVLRKEPY  
DRAVDWWCLGAVLYEMLHGLPPFFNTDVAQMYENILHQPLQIPGGRTVAACDLLQGLLHKDQRQLGSKE  
DFLDIKNHMFFSPINWDDLYHKRLTPPFNPNVEGPADLKHFDPEFTQEAVSKSIGCTPDTVASSSGASSA  
FLGFSYAQDDDDILDLS

**TRTRPLEQKLISEEDLAANDILDYKDDDDKV**

Tag:	C-MYC/DDK
Predicted MW:	41.2 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
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 after receiving vials.
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:	<a href="#">NP_038759</a>
Locus ID:	27219
UniProt ID:	<a href="#">Q9QZS5</a> , <a href="#">Q3UW73</a>



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RefSeq Size: 2554

Cytogenetics: 2 H2

RefSeq ORF: 1101

Synonyms: AI098171; AW146006; Sgkl

**Summary:** 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.[UniProtKB/Swiss-Prot Function]