

Product datasheet for **TP506878**

Sgk1 (NM_011361) Mouse Recombinant Protein

Product data:

Product Type:	Recombinant Proteins
Description:	Purified recombinant protein of Mouse serum/glucocorticoid regulated kinase 1 (Sgk1), with C-terminal MYC/DDK tag, expressed in HEK293T cells, 20ug
Species:	Mouse
Expression Host:	HEK293T
Expression cDNA Clone or AA Sequence:	>MR206878 protein sequence Red =Cloning site Green =Tags(s)
	<p>MTVKAEAAARSTLTYSRMRGMVAILIAFMKQRRMGLNDFIQKIASNTYACKHAEVQSILKMSHPQPELMN ANSPPPSPSQINLGPSSNPHAKPSDFHFLKVIKGSFGKVLRLARHKAEEVFYAVKVLQKKAILKKKEE KHIMSERVLLKNVKHPFLVGLHFSFQTADKLYFVLDYINGGELFYHLQRERCFLEPRARFYAAEIASAL GYLHSLNIVYRDLKPENILLDSQGHIVLTDGFLCKENIEHNGTTSTFCGTPEYLAPEVLHKQPYDRTVDW WCLGAVLYEMLYGLPPFYSRNTAEMYDNILNKPLQLKPNITNSARHLLLEGLLQKDRTRKLGAKDDFMEIK SHIFFSLINWDDLINKKITPPFNPVSGPSDLRHFDPEFTEEPVPSSIGRSPDSILVTASVKEAAEAFLG FSYAPPVDSFL</p> <p>TRTRPLEQKLISEEDLAANDILDYKDDDDKV</p>
Tag:	C-MYC/DDK
Predicted MW:	48.9 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:	<u>NP_035491</u>
Locus ID:	20393



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UniProt ID: [Q9WVC6](#)

RefSeq Size: 2471

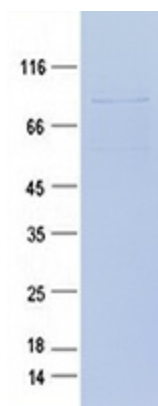
Cytogenetics: 10 A3

RefSeq ORF: 1296

Synonyms: Sg; Sgk

Summary: This gene encodes a serine/threonine protein kinase that plays an important role in cellular stress response. This kinase activates certain potassium, sodium, and chloride channels, suggesting an involvement in the regulation of processes such as cell survival, neuronal excitability, and renal sodium excretion. This enzyme is activated by protein phosphorylation and degraded via the ubiquitination and proteasome pathway. Multiple transcript variants encoding different isoforms have been found for this gene. A pseudogene of this gene was identified on chromosome 12. [provided by RefSeq, Sep 2009]

Product images:



Purified recombinant protein Sgk1 was analyzed by SDS-PAGE gel and Coomassie Blue Staining.