

## Serum/Glucocorticoid Regulated Kinase 1 Human Recombinant

<b>Item Number</b>	rAP-1725
<b>Synonyms</b>	Serine/threonine-protein kinase Sgk1, Serum/glucocorticoid-regulated kinase 1, SGK1, SGK.
<b>Description</b>	SGK1 Human Recombinant produced in E.Coli is a single, non-glycosylated polypeptide chain containing 393 amino acids (60-431 a.a.) and having a molecular mass of 44.5kDa.SGK1 is fused to a 21 amino acid His-tag at N-terminus & purified by proprietary chromatographic techniques.
<b>Uniprot Accession Number</b>	O00141
<b>Amino Acid Sequence</b>	MGSSHHHHHH SSGLVPRGSH MISQPQEPEL MNANPSPPPS PSQQINLGPS SNPHAKPSDF HFLKVIGKGS FGKVLARHK AEEVFYAVKV LQKKAILKKK EEKHIMSERN VLLKNVKHPF LVGLHFSFQT ADKLYFVDY INGGELFYHL QRERCFLEPR ARFYAAEIAS ALGYLHSLNI VYRDLKPENI LLDSQGHIVL TDFGLCKENI EHNSTTSTFC GTPEYLAPEV LHKQPYDRTV DWWCLGAVLY EMLYGLPPFY SRNTAE- MYDN ILNKPLQLKP NITNSARHLL EGLLQKDRTK RLGAKDDFME IKSHVFFSLI NWDDLINKKI TPPFNPNVSG PNDLRHFDPE FTEEPVPNSI GKSPDSVLVT ASVKEAAEAF LGFSYAPPTD SFL.
<b>Source</b>	Escherichia Coli.
<b>Physical Appearance and Stability</b>	Sterile Filtered colorless solution. Store at 4°C if entire vial will be used within 2-4 weeks. Store, frozen at -20°C for longer periods of time. For long term storage it is recommended to add a carrier protein (0.1% HSA or BSA).Avoid multiple freeze-thaw cycles.
<b>Formulation and Purity</b>	SGK1 protein solution (0.25mg/ml) containing 20mM Tris-HCl buffer (pH8.0), 30% glycerol, 0.2M NaCl, 2mM DTT and 0.1mM PMSF. Greater than 90.0% as determined by SDS-PAGE.
<b>Application</b>	
<b>Solubility</b>	
<b>Biological Activity</b>	
<b>Shipping Format and Condition</b>	Lyophilized powder at room temperature.

Optimal dilutions should be determined by each laboratory for each application. The listed dilutions are for recommendation only and the final conditions should be optimized by the ender users! This product is sold for **Research Use Only**