

# Human SGK1 Recombinant Protein



RPPB2647

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## Product Information    Protein Information

**Product SKU:**

RPPB2647

**Accession:**

O00141

**Host:**

Escherichia Coli.

**Protein description:**

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.

**Appearance:**

Sterile Filtered colorless solution.

**Synonyms:**

Serine/threonine-protein kinase Sgk1, Serum/glucocorticoid-regulated kinase 1, SGK1, SGK.

**Formulation:**

SGK1 protein solution (0.25mg/ml) containing 20mM Tris-HCl buffer (pH8.0), 30% glycerol, 0.2M NaCl, 2mM DTT and 0.1mM PMSF.

**Purity:**

Greater than 90.0% as determined by SDS-PAGE.

**Stability:**

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.

**Amino Acid Sequence:**

MGSSHHHHHH SGLVPRGSH MISQPQEPEL MNANPSPPPS PSQQINLGPS SNPHAKPSDF HFLKVIGKGS  
FGKVLLARHK AEEVFYAVKV LQKKAILKKK EEKHIMSERN VLLKNVKHPF LVGLHFSFQT ADKLYFVLDY  
INGGELFYHL QRERCFLEPR ARFYAAEIAS ALGYLHSLNI VYRDLKPENI LLDSQGHIVL TDFGLCKENI  
EHNSTTSTFC GTPEYLAPEV LHKQPYDRTV DWWCLGAVLY EMLYGLPPFY SRNTAEMYDN ILNKPLQLKP  
NITNSARHLL ELLQKDRTK RLGAKDDFME IKSHVFFSLI NWDDLINKKI TPPFNPNVSG PNDLRHFDPE  
FTEEPVNSI GKSPDSVLVT ASVKEAAEAF LGFSYAPPTD SFL.