

# Recombinant Human SGK3 protein(Met1-Leu496), His&GST-tagged

**Cat. No.** SGK3-7328H    **Lot. No.** (See product label)

## SPECIFICATION

<b>Product Overview</b>	Recombinant Human SGK3 (Q96BR1-1) (Met 1-Leu 496) was expressed in Insect Cells, fused with the N-terminal polyhistidine-tagged GST tag at the N-terminus.
<b>Species</b>	Human
<b>Source</b>	Insect Cells
<b>ProteinLength</b>	1-496 a.a.
<b>Form</b>	Lyophilized from sterile 20mM Tris, 500mM NaCl, 0.5mM PMSF, 10% gly, 1mM GSH, pH 7.4. Normally 5 % - 8 % trehalose, mannitol and 0.01% Tween80 are added as protectants before lyophilization.
<b>Molecular Mass</b>	The recombinant human SGK3/GST chimera consists of 733 amino acids and has a calculated molecular mass of 85 kDa. It migrates as an approximately 68 kDa band in SDS-PAGE under reducing conditions.
<b>Endotoxin</b>	< 1.0 EU per µg of the protein as determined by the LAL method
<b>Purity</b>	> 80 % as determined by SDS-PAGE
<b>Storage</b>	Samples are stable for up to twelve months from date of receipt at -20°C to -80°C. Store it under sterile conditions at -20°C to -80°C. It is recommended that the protein be aliquoted for optimal storage. Avoid repeated freeze-thaw cycles.

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**Reconstitution** It is recommended that sterile water be added to the vial to prepare a stock solution of 0.2 ug/ul. Centrifuge the vial at 4°C before opening to recover the entire contents.

## GENE INFORMATION

**Gene Name** SGK3 serum/glucocorticoid regulated kinase family, member 3 [ Homo sapiens ]

**Official Symbol** SGK3

**Synonyms** SGK3; serum/glucocorticoid regulated kinase family, member 3; serum/glucocorticoid regulated kinase like , SGK2, SGKL; serine/threonine-protein kinase Sgk3; cytokine-independent survival kinase; CISK; SGK2; SGKL; DKFZp781N0293;

**Gene ID** 23678

**mRNA Refseq** NM\_001033578

**Protein Refseq** NP\_001028750

**MIM** 607591

**UniProt ID** Q96BR1

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