

## Product datasheet for **TP760266**

### **SGK3 (NM\_001033578) Human Recombinant Protein**

#### **Product data:**

<b>Product Type:</b>	Recombinant Proteins
<b>Description:</b>	Recombinant protein of human serum/glucocorticoid regulated kinase family, member 3 (SGK3), transcript variant 3, full length, with N-terminal HIS tag, expressed in E.Coli, 50ug
<b>Species:</b>	Human
<b>Expression Host:</b>	E. coli
<b>Expression cDNA Clone or AA Sequence:</b>	A DNA sequence encoding human full-length SGK3
<b>Tag:</b>	N-His
<b>Predicted MW:</b>	56.9 kDa
<b>Concentration:</b>	>0.05 µg/µL as determined by microplate BCA method
<b>Purity:</b>	> 80% as determined by SDS-PAGE and Coomassie blue staining
<b>Buffer:</b>	25 mM Tris-HCl, pH 8.0, 150 mM NaCl, 1% sarkosyl, 10% glycerol
<b>Note:</b>	For testing in cell culture applications, please filter before use. Note that you may experience some loss of protein during the filtration process.
<b>Storage:</b>	Store at -80°C.
<b>Stability:</b>	Stable for 12 months from the date of receipt of the product under proper storage and handling conditions. Avoid repeated freeze-thaw cycles.
<b>RefSeq:</b>	<a href="#">NP_001028750</a>
<b>Locus ID:</b>	23678
<b>UniProt ID:</b>	<a href="#">Q96BR1</a> , <a href="#">A0A024R807</a> , <a href="#">Q5H9Q5</a>
<b>RefSeq Size:</b>	4483
<b>Cytogenetics:</b>	8q13.1
<b>RefSeq ORF:</b>	1488
<b>Synonyms:</b>	CISK; SGK2; SGKL



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**Summary:**

This gene is a member of the Ser/Thr protein kinase family and encodes a phosphoprotein with a PX (phox homology) domain. The protein phosphorylates several target proteins and has a role in neutral amino acid transport and activation of potassium and chloride channels. Alternate transcriptional splice variants, encoding different isoforms, have been characterized. [provided by RefSeq, Jul 2008]

**Protein Families:**

Druggable Genome, Protein Kinase

**Product images:**