

Recombinant Mouse Sgk2 Protein, Myc/DDK-tagged

Cat. No. Sgk2-5825M **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Purified recombinant protein of mouse full-length serum/glucocorticoid regulated kinase 2 (Sgk2), with C-terminal MYC/DDK tag, expressed in HEK293T cells.
Species	Mouse
Source	HEK293
Description	Serine/threonine-protein kinase which is involved in the regulation of a wide variety of ion channels, membrane transporters, cell growth, survival and proliferation. Up-regulates Na ⁺ channels: SCNN1A/ENAC, K ⁺ channels: KCNA3/Kv1.3, KCNE1 and KCNQ1, amino acid transporter: SLC6A19, glutamate transporter: SLC1A6/EAAT4, glutamate receptors: GRIA1/GLUR1 and GRIK2/GLUR6, Na ⁺ /H ⁺ exchanger: SLC9A3/NHE3, and the Na ⁺ /K ⁺ ATPase.
Molecular Mass	41.2 kDa
Purity	> 80% as determined by SDS-PAGE and Coomassie blue staining
Stability	Stable for 12 months from the date of receipt of the product under proper storage and handling conditions. Avoid repeated freeze-thaw cycles.
Storage	Store at -80 centigrade after receiving vials.
Concentration	>50 µg/mL as determined by microplate BCA method

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Storage Buffer 25 mM Tris.HCl, pH 7.3, 100 mM glycine, 10% glycerol.

GENE INFORMATION

Gene Name	Sgk2 serum/glucocorticoid regulated kinase 2 [Mus musculus (house mouse)]
Official Symbol	Sgk2
Synonyms	SGK2; serum/glucocorticoid regulated kinase 2; serine/threonine-protein kinase Sgk2; serum/glucocorticoid-regulated kinase 2; Sgkl; AI098171; AW146006
Gene ID	27219
mRNA Refseq	NM_013731
Protein Refseq	NP_038759
UniProt ID	Q9QZS5

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