

SGK2 recombinant protein

SGK2, Active

CATALOG # AAA73125	HOST Sf9 insect cells using baculovirus	APPLICATIONS Western Blot
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PRODUCT SYNONYMS

SGK2; Active; SGK2 recombinant protein

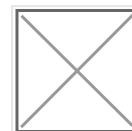
PRODUCT SPECIFICATIONS

Host	Sf9 insect cells using baculovirus
Form/Format	50mM Tris-HCl, pH 7.5, 150mM NaCl, 0.25mM DTT, 0.1mM PMSF, 25% glycerol.
Sequence Positions	Full Length
Sequence Length	1913
Applicable Applications for SGK2 recombinant protein	WB (Western Blot), Kinase Assay
Species	Human
Tag	GST tag
Dry Ice Note	The product may be shipped with dry ice, and an additional fee may be added to your shipping cost.
Preparation and Storage	Store product at -70 degree C. For optimal storage, aliquot target into smaller quantities after centrifugation and store at recommended temperature. For most favorable performance, avoid repeated handling and multiple freeze/thaw cycles.

IMAGES



Application Data



Application Data

ADDITIONAL INFORMATION

Related Product Information for SGK2 recombinant protein	Description: Recombinant full-length human SGK2 was expressed by baculovirus in Sf9 insect cells using an N-terminal GST tag. Scientific Background: SGK2 is a member of the serum- and glucocorticoid-induced kinases (SGK) which are serine-threonine kinases and belong to the "AGC" kinase subfamily, which includes protein kinases A, G, and C, and its catalytic domain is most similar to protein kinase B (PKB) (1). SGK2, like the other two isoforms SGK1 and SGK3, is stimulated by insulin and insulin-like growth factor-1 (IGF-1), and has been shown to enhance Na (+)/K (+)-ATPase activity in a variety of cells (2).
Product Categories/Family for SGK2 recombinant protein	Enzymes; Active Kinases

References	1. Kobayashii, T. et al: Characterization of the structure and regulation of two novel isoforms of serum- and glucocorticoid-induced protein kinase. Biochem J. 1999 Nov 15;344 Pt 1:189-97. 2. Boehmer, C. et al: Stimulation of renal Na ⁺ dicarboxylate cotransporter 1 by Na ⁺ /H ⁺ exchanger regulating factor 2, serum and glucocorticoid inducible kinase isoforms, and protein kinase B. Biochem Biophys Res Commun. 2004 Jan 23;313 (4):998-1003.
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NCBI AND UNIPROT INFORMATION

NCBI GI #	312922375
NCBI GeneID	10110
NCBI Accession #	NM_170693.2
NCBI GenBank Nucleotide #	NM_170693
Molecular Weight	~71 kDa
NCBI Official Full Name	Homo sapiens SGK2, serine/threonine kinase 2 (SGK2), transcript variant 1, mRNA
NCBI Official Synonym Full Names	SGK2, serine/threonine kinase 2
NCBI Official Symbol	SGK2
NCBI Official Synonym Symbols	H-SGK2; dJ138B7.2
NCBI Protein Information	serine/threonine-protein kinase Sgk2
UniProt Protein Name	Serine/threonine-protein kinase Sgk2
UniProt Gene Name	SGK2

For Research Use Only. Not for use in diagnostic or therapeutic procedures. Small volumes of product may become entrapped in the seal of the vial during shipment and storage; if necessary, briefly centrifuge the vial on a tabletop centrifuge to dislodge any liquid in the cap.

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 Online datasheet: <https://stage.aaabiotech.com/sgk2-recombinant-protein-sf9-insect-cells-using-baculovirus-wb-western-blot-kinase-assay/73125>