

SNRK recombinant protein

SNRK, Active

CATALOG # AAA73953	HOST Sf9 insect cells	APPLICATIONS Western Blot
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PRODUCT SYNONYMS

SNRK; Active; HSNFRK; SNFRK; KIAA0096; SNRK recombinant protein

PRODUCT SPECIFICATIONS

Host	Sf9 insect cells
Form/Format	Recombinant protein stored in 50mM Tris-HCl, pH7.5, 150mM NaCl, 10mM glutathione, 0.1mM EDTA, 0.25mM DTT, 0.1mM PMSF, 25% glycerol.
Applicable Applications for SNRK recombinant protein	WB (Western Blot), Kinase Assay
Tag	GST
Species	Human
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



SDS-PAGE

Purity: Sample Purity Data. For specific information on a given lot, see related technical data sheet.



Activity

Specific Activity: Sample Kinase Activity Plot. For specific information on a given lot, see related technical data sheet.

ADDITIONAL INFORMATION

Related Product Information for SNRK recombinant protein	Full-length recombinant human SNRK was expressed by baculovirus in Sf9 insect cells using an N-terminal GST tag. The SNRK gene accession number is NM_017719. SNRK or sucrose non-fermenting related kinase is a member of the sucrose nonfermenting (SNF)-related kinase family of serine/threonine kinases which acts as a kinase and displays autophosphorylation activity (1). SNRK act as a substrate for the LKB1 tumor suppressor which phosphorylated SNRK at residue thr173 in which LKB1 is required for phosphorylation and activation of SNRK in HeLa cells and required STRAD and MO25 LKB1 complex-associated subunits. Snrk-1 is involved in multiple steps of angioblast development and acts via notch signaling pathway in artery-vein-specification in vertebrates (2).
Product Categories/Family for SNRK recombinant protein	Protein Kinases; Apoptosis/Autophagy; Cancer; Cardiovascular Disease; Inflammation; Metabolic Disorder; Ser/Thr Kinases
References	1. Kertesz, N. et.al: Cloning and characterization of human and mouse SNRK sucrose non-fermenting protein (SNF-1)-related kinases. Gene 294: 13-24, 2002. 2. Chun, C. Z. et.al: Snrk-1 is involved in multiple steps of angioblast development and acts via notch signaling pathway in artery-vein-specification in vertebrates. Blood 113: 1192-1199, 2009.

NCBI AND UNIPROT INFORMATION

NCBI GenBank Nucleotide #	NM_017719
Molecular Weight	~110 -120kDa

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/snrk-recombinant-protein-sf9-insect-cells-wb-western-blot-kinase-assay/73953>