

## Recombinant Human SNRK (N-GST tag)

Cat No:HR2R1958

For research use only

## Overview

| Quantity              | 10 ?g   |
|-----------------------|---|
| Gene Symbol           | SNRK  |
| Gene ID               | N/A   |
| Accession             | NM_017719   |
| Alternative<br>Name   | HSNFRK, SNFRK, KIAA0096   |
| Species               | Human   |
| Source                | Insect cells  |
| Description           | ?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 . 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 . |
| Functions             | The specific activity of SNRKwas determined to be 16 nmol/min/mgas per activity assay protocol.   |
| Formulation           | 50mM Tris-HCl, pH 7.5, 150mM NaCl, 10mM glutathione, 0.1mM EDTA, 0.25mM DTT, 0.1mM PMSF, 25% glycerol.  |
| Solubility            | N/A   |
| Appearance            | Liquid  |
| Molecular<br>Weight   | 110   |
| Purity                | 70% - 90%   |
| Concentration         |   |
| Shipping<br>Condition | Dry Ice   |
| Storage<br>Condition  | Store product at ?70?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.   |