

## NUAK2, Active

Catalog No: N20-10G

NUAK2 or "sucrose nonfermenting (SNF-1) like kinase" SNARK is a serine/threonine kinase and a member of the SNF1/AMP (AMPK) family of kinases. The enzyme is regulated by the tumor suppressor LKB1 protein and by death receptor NF- $\kappa$ B signaling. NUAK2 shows kinase activity against a synthetic test peptide and the activity in keratinocytes is increased by AMP and 5-amino-4-imidazolecarboxamide riboside, implying that AMPK kinase-dependent pathway can activate NAUK2. NUAK2 is involved in myriad cellular processes such as cellular stress, cell mortality, proliferation and survival. SignalChem's recombinant full-length human NUAK2 was expressed by baculovirus in Sf9 insect cells using an N-terminal GST tag.

### Unique Selling Points



QC/QA tested



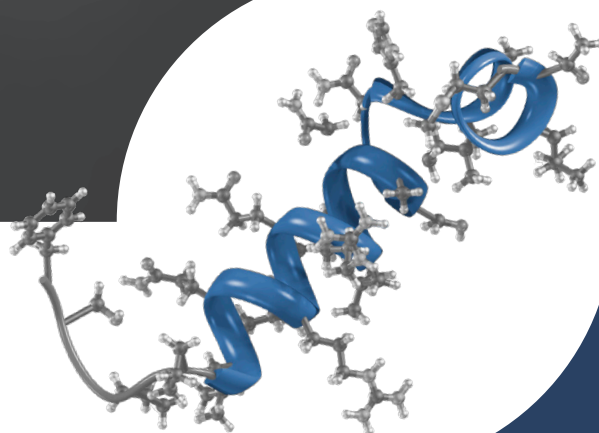
Effective for Kinase activity  
& inhibition studies



Activity determined by  
radiometric & activity assay



Highly active kinase



### Competitors



**ThermoFisher**  
SCIENTIFIC

**NOVUS**  
BIOLOGICALS  
a biotechne® brand

### Target Customers



Scientists investigating  
NUAK2 mechanisms



Companies developing  
NUAK2 inhibitors



Biopharma researching  
NUAK2 enzyme



Biotech developing  
Anti-NUAK2 antibodies



Government research  
organizations