

Bioactive

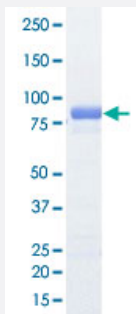
Full-Length

# STK17A (Human) Recombinant Protein

Catalog # P5538

Size 5 ug

## Applications



## Result of activity analysis

Result of activity analysis

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## Specification

<b>Product Description</b>	Human STK17A (NP_004751.2, 1 a.a. - 414 a.a.) full-length recombinant protein with GST tag expressed in baculovirus infected Sf21 cells.
<b>Host</b>	insect
<b>Theoretical MW (kDa)</b>	74
<b>Form</b>	Liquid
<b>Preparation Method</b>	Baculovirus infected insect cell (Sf21) expression system
<b>Purification</b>	Glutathione sepharose chromatography
<b>Purity</b>	92 % by SDS-PAGE/CBB staining

<b>Activity</b>	The activity was measured by off-chip mobility shift assay. The enzyme was incubated with fluorescence-labeled substrate and Mg(or Mn)/ATP. The phosphorylated and unphosphorylated substrates were separated and detected by LabChip 3000. Substrate: ZIPtide. ATP: 100 uM.
<b>Quality Control Testing</b>	Loading 1 ug protein in SDS-PAGE
<b>Storage Buffer</b>	In 50 mM Tris-HCl, 150 mM NaCl, pH 7.5 (0.1% CHAPS, 1 mM DTT, 10% glycerol)
<b>Storage Instruction</b>	Store at -80°C. Aliquot to avoid repeated freezing and thawing.
<b>Note</b>	Result of activity analysis Result of activity analysis

## Applications

- Functional Study
- SDS-PAGE

## Gene Info — STK17A

<b>Entrez GeneID</b>	<a href="#">9263</a>
<b>Protein Accession#</b>	<a href="#">NP_004751.2</a>
<b>Gene Name</b>	STK17A
<b>Gene Alias</b>	DRAK1
<b>Gene Description</b>	serine/threonine kinase 17a
<b>Omim ID</b>	<a href="#">604726</a>
<b>Gene Ontology</b>	<a href="#">Hyperlink</a>
<b>Gene Summary</b>	This gene is a member of the DAP kinase-related apoptosis-inducing protein kinase family and encodes an autophosphorylated nuclear protein with a protein kinase domain. The protein has apoptosis-inducing activity. [provided by RefSeq]
<b>Other Designations</b>	DAP kinase-related apoptosis-inducing protein kinase 1 death-associated protein kinase-related 1 serine/threonine kinase 17a (apoptosis-inducing)

## Disease

- [Genetic Predisposition to Disease](#)
- [Kidney Failure](#)
- [Narcolepsy](#)
- [Thyroid Neoplasms](#)