

Bioactive

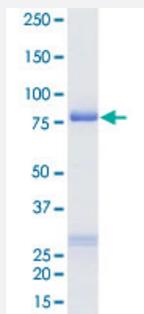
Full-Length

STK38L (Human) Recombinant Protein

Catalog # P5608

Size 5 ug

Applications



Result of activity analysis

Result of activity analysis

Specification

Product Description	Human STK38L (NP_055815.1 NP_775739.1, 1 a.a. - 464; 1 a.a. - 216 a.a.) full-length recombinant protein with GST tag expressed in baculovirus infected Sf21 cells.
Host	insect
Theoretical MW (kDa)	81
Form	Liquid
Preparation Method	Baculovirus infected insect cell (Sf21) expression system
Purification	Glutathione sepharose chromatography
Purity	72 % by SDS-PAGE/CBB staining

Activity	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: SGKtide. ATP: 100 uM.
Quality Control Testing	Loading 1 ug protein in SDS-PAGE
Storage Buffer	In 50 mM Tris-HCl, 150 mM NaCl, pH 7.5 (0.05% Brij35, 1 mM DTT, 10% glycerol)
Storage Instruction	Store at -80°C. Aliquot to avoid repeated freezing and thawing.
Note	Result of activity analysis Result of activity analysis

Applications

- Functional Study
- SDS-PAGE

Gene Info — STK38L

Entrez GeneID	23012
Protein Accession#	NP_055815.1
Gene Name	STK38L
Gene Alias	KIAA0965, NDR2
Gene Description	serine/threonine kinase 38 like
Gene Ontology	Hyperlink
Other Designations	nuclear Dbf2-related 2

Disease

- [Celiac Disease](#)
- [Genetic Predisposition to Disease](#)