

Bioactive

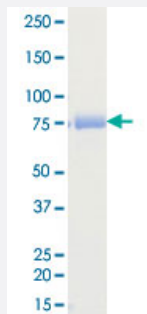
Full-Length

STK25 (Human) Recombinant Protein

Catalog # P5666

Size 5 ug

Applications



Result of activity analysis

Result of activity analysis

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Specification

Product Description	Human STK25 (NP_006365.2, 1 a.a. - 426 a.a.) full-length recombinant protein with GST tag expressed in baculovirus infected Sf21 cells.
Host	insect
Theoretical MW (kDa)	75
Form	Liquid
Preparation Method	Baculovirus infected insect cell (Sf21) expression system
Purification	Glutathione sepharose chromatography
Purity	98 % 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: Moesin-derived peptide. 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 — STK25

Entrez GeneID	10494
Protein Accession#	NP_006365.2
Gene Name	STK25
Gene Alias	DKFZp686J1430, SOK1, YSK1
Gene Description	serine/threonine kinase 25 (STE20 homolog, yeast)
Omim ID	602255
Gene Ontology	Hyperlink
Gene Summary	O
Other Designations	Ste20, yeast homolog serine/threonine kinase 25 serine/threonine kinase 25 (Ste20, yeast homolog) sterile 20 (oxidant stress response kinase 1; yeast Sps1/Ste20-related kinase 1)