

Active Recombinant Full Length Human STK39 Protein, GST-tagged

Cat. No. STK39-7881HF **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Full-length human STK3 [1-545(end) amino acids of accession number NP_037365.2] was co-expressed as N-terminal GST-fusion protein (87 kDa) with His-tagged WNK1 [1-491 amino acids of accession number NP_061852.1] using baculovirus expression system. GST-STK3 was purified by using glutathione sepharose chromatography and Ni-NTA chromatography.
Species	Human
Source	Sf21 Cells
ProteinLength	1-545
Form	50 mM Tris-HCl, 150 mM NaCl, 0.05% Brij35, 1 mM DTT, 10% glycerol, pH7.5
Bio-activity	The activity was determined by ELISA. The enzyme was incubated with biotinylated substrate protein/peptide, and after stopping kinase reaction by EDTA, the reaction solution was transferred into streptavidin-coated plate. Phosphorylation was detected by anti- phospho antibody and HRP-labeled anti-rabbit IgG(or HRP-labeled anti-mouse IgG).
Purity	93%
Applications	SDS-PAGE

 Tel: 1-631-559-9269 1-516-512-3133

 Email: info@creative-biomart.com  Fax: 1-631-938-8127

 45-1 Ramsey Road, Shirley, NY 11967, USA

Storage Store at -80C. Avoid repeating freeze-thaws.

GENE INFORMATION

Gene Name serine threonine kinase 39

Official Symbol STK39

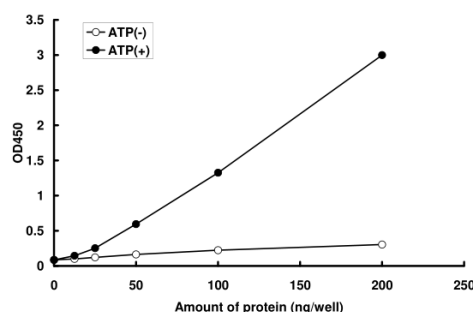
Synonyms STK39;DCHT;PASK;SPAK

Protein Refseq [NP_037365.2](#)

UniProt ID [Q9UEW8](#)

Activity data

Activity data



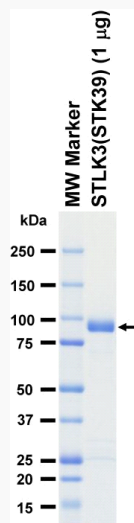
The activity was determined by ELISA. The enzyme was incubated with biotinylated substrate protein/peptide, and after stopping kinase reaction by EDTA, the reaction solution was transferred into streptavidin-coated plate. Phosphorylation was detected by anti-phospho antibody and HRP-labeled anti-rabbit IgG (or HRP-labeled anti-mouse IgG).

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SDS-PAGE



The purity was assessed by SDS-PAGE/CBB staining.

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