

Active Recombinant Human STK38L protein, GST-tagged

Cat. No. STK38L-153H **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Recombinant Human STK38L(1 a.a. - 464 a.a.) fused with GST tag was expressed in Insect cells.
Species	Human
Source	Insect Cells
ProteinLength	1-464 a.a.
Description	STK38L played an important role in many functions.
Form	In 50 mM Tris-HCl, 150 mM NaCl, pH 7.5 (0.05% Brij35, 1 mM DTT, 10% glycerol)
Bio-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.
Molecular Mass	81 kDa
Purity	72 % by SDS-PAGE/CBB staining
Applications	Functional Study; SDS-PAGE
Storage	Store at -80 centigrade. Aliquot to avoid repeated freezing and thawing.

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GENE INFORMATION

Gene Name	STK38L serine/threonine kinase 38 like [Homo sapiens]
Official Symbol	STK38L
Synonyms	STK38L; serine/threonine kinase 38 like; serine/threonine-protein kinase 38-like; KIAA0965; NDR2; nuclear Dbf2 related 2; NDR2 protein kinase; nuclear Dbf2-related 2; nuclear Dbf2-related kinase 2;
Gene ID	23012
mRNA Refseq	NM_015000
Protein Refseq	NP_055815
MIM	615836
UniProt ID	Q9Y2H1
Chromosome Location	12p11.22
Function	ATP binding; actin binding; magnesium ion binding; nucleotide binding; protein binding; protein serine/threonine kinase activity;

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