

Recombinant Human STK40, GST-tagged

Cat. No. STK40-831H **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Full-length recombinant human STK40 (SHIK) was expressed by baculovirus in Sf9 insect cells using an N-terminal GST tag.
Species	Human
Source	Sf9 Cells
ProteinLength	Full length
Description	STK40 is a serine/threonine-protein kinase 40 that functions in cell division and also to promote efficient cytokinesis. STK40 is also called SHIK (sink- homologous inhibitory kinase) which is expressed in all tissues. STK40 also inhibits TNF-induced NF-kappa-B activation and p53-induced transcription.
Form	Recombinant protein stored in 50mM Tris-HCl, pH 7.5, 150mM NaCl, 10mM glutathione, 0.1mM EDTA, 0.25mM DTT, 0.1mM PMSF, 25% glycerol.
Molecular Mass	~74 kDa
Purity	>95%
Applications	Western Blot
Stability	1yr at -70°C from date of shipment

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Storage	Store product at –70oC. For optimal storage, aliquot target into smaller quantities after centrifugation and store at recommended temperature. For most favorable performance, avoid repeated handling and multiple freeze/thaw cycles.
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Concentration	0.1ug/ul
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GENE INFORMATION

Gene Name	STK40 serine/threonine kinase 40 [Homo sapiens]
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Official Symbol	STK40
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Synonyms	STK40; serine/threonine kinase 40; serine/threonine-protein kinase 40; MGC4796; SgK495; 2310004N11Rik; sugen kinase 495; Ser/Thr-like kinase; SINK-homologous serine/threonine-protein kinase; SHIK; RP11-268J15.4;
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Gene ID	83931
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mRNA Refseq	NM_032017
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Protein Refseq	NP_114406
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MIM	609437
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UniProt ID	Q8N2I9
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Chromosome Location	1p34.3
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Function	ATP binding; nucleotide binding; protein binding; protein serine/threonine kinase activity;
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