

Recombinant Human STK31, GST-tagged

Cat. No. STK31-7020H **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Recombinant human STK31(496-end) was expressed by baculovirus in Sf9 insect cells using an N-terminal GST tag.
Species	Human
Source	Sf9 Cells
ProteinLength	496 aa-end
Description	STK31 is a serine/threonine protein kinase that contains a tudor domain found in RNA-interacting proteins, and a coiled-coil domain. Tudor domains are found in many eukaryotic organisms and have been implicated in protein-protein interactions in which methylated protein substrates bind to these domains. The STK31 gene is conserved across many species and was originally identified as a gene expressed in mouse spermatogonia but not in somatic tissues. STK31 has been shown to be specifically expressed in the human testis.
Form	Recombinant protein stored in 50mM Tris-HCl, pH 7.5, 50mM NaCl, 10mM glutathione, 0.1mM EDTA, 0.25mM DTT, 0.1mM PMSF, 25% glycerol.
Molecular Mass	~86 kDa
Purity	>80%
Applications	Western Blot

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Storage	Store at –70°C. For optimal storage, aliquot target into smaller quantities after centrifugation and store at recommended temperature. Avoid freeze/thaw cycles.
Concentration	0.1 µg/µl
GENE INFORMATION	
Gene Name	STK31 serine/threonine kinase 31 [Homo sapiens]
Official Symbol	STK31
Synonyms	STK31; serine/threonine kinase 31; serine/threonine-protein kinase 31; SgK396; TDRD8; sugen kinase 396; tudor domain containing 8; serine/threonine-protein kinase NYD-SPK; SGK396; FLJ16102;
Gene ID	56164
mRNA Refseq	NM_001122833
Protein Refseq	NP_001116305
MIM	605790
UniProt ID	Q9BXU1
Chromosome Location	7
Function	ATP binding; nucleotide binding; protein serine/threonine kinase activity;