

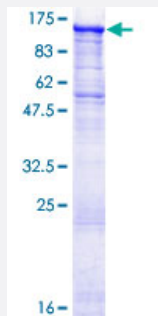
Full-Length

STK31 (Human) Recombinant Protein (P01)

Catalog # H00056164-P01

Size 25 ug, 10 ug

Applications



Specification

Product Description

Human STK31 full-length ORF (AAH59374.1, 1 a.a. - 1019 a.a.) recombinant protein with GST-tag at N-terminal.

Sequence

MWVQGHSSRASATESVSFSGVMDEEDTHYDKVEDVVGSHIEDAVTFWAQSIINRNKDIMKIGCSL
SEVCPHASSVLGNLDPNKIYGGLFSEDQCWYRCKVLKISVEKCLVRYIDYGNTIELNRSDIVEIPLE
LQFSSVAKKYKLWGLHIPSDQEVTQFDQGTTFGLSLIFEKEIKMRIKATSEDTGTVIAQAEYGSVDIG
EEVLKKGF AEKCR LASRTDICEEKKLDPGQLVLRNLKSPIPLWGHRSNQSTFSRPKGHLSEKMTL
DLKDENDAGNLITFPKESLAVGDFNLGSNVSLEKIKQDQKLEENEKLTKEKDALLESYKALELKV
EQIAQELQQEKAAAVDLTNHLEYTLKTYIDTRMKNLAAKMEILKEMRHVDISVRFGKDLSDAIQVLD
EGCFTTPASLNGLEIWA EYSLAQENIKTCEYVSEGNILIAQRNEMQQKLYMSVEDFILEVDESSLNK
RLKTLQDLSVSLEAVYGQAKEGANSDEILKKFYDWKCDKREEFTSVRSETDASLHRLVAWFQRT
LKVFDLSVEGSLISEDAMDNIDEILEKTESSVCKELEIALVDQGDADKEISNTYSQVLQKIHSEERLI
ATVQAKYKDSIEFKKQLIEYLNKSPSVDHLLSIKKTLSKLALLRWKLVEKSNLEESDDPDGSQIEKI
KEEITQLRNNVFQEIYHEREEYEMLTSLAQKWFPPELLHPEIGLLKYMNSGGLLTMSLERDLLDAE
PMKELSSKRPLVRSEVNGQIILLKGYSVDVDTEAKVIERAATYHRAWREAEGDSGLLPLIFLFLCKS
DPMAYLMVPYYPRANLNAVQANMPLNSEETLKVMKGVAQGLHTLHKADIIHGSLHQNNVFALNRE
QGIVGDFDFTKSVSQRASVNMVGDLSLMSPELKMGPASPGSDLYAYGCLLLWLSVQNQEFEI
NKDGIPKVDQFHLDDKVKSLLCSLIC YRSSMTAEQVLNAECFLMPKEQSVNPPEKDEYTYLKYKE
EEIKTENLDKCMEKTRNGEANFDC

Host

Wheat Germ (in vitro)

Theoretical MW (kDa)

142.1

Preparation Method	in vitro wheat germ expression system
Purification	Glutathione Sepharose 4 Fast Flow
Quality Control Testing	12.5% SDS-PAGE Stained with Coomassie Blue.
Storage Buffer	50 mM Tris-HCl, 10 mM reduced Glutathione, pH=8.0 in the elution buffer.
Storage Instruction	Store at -80°C. Aliquot to avoid repeated freezing and thawing.
Note	Best use within three months from the date of receipt of this protein.

Applications

- Enzyme-linked Immunoabsorbent Assay
- Western Blot (Recombinant protein)
- Antibody Production
- Protein Array

Gene Info — STK31

Entrez GeneID	56164
GeneBank Accession#	BC059374.1
Protein Accession#	AAH59374.1
Gene Name	STK31
Gene Alias	FLJ16102, SGK396, TDRD8
Gene Description	serine/threonine kinase 31
Omim ID	605790
Gene Ontology	Hyperlink
Gene Summary	This gene is similar to a mouse gene that encodes a putative protein kinase with a tudor domain, and shows testis-specific expression. Alternative splicing results in multiple transcript variants encoding different isoforms. [provided by RefSeq]
Other Designations	sugen kinase 396 tudor domain containing 8

Disease

- [Kidney Failure](#)
- [Tobacco Use Disorder](#)