

Recombinant Human STK31 Protein, Myc/DDK-tagged, C13 and N15-labeled

Cat. No. STK31-5183H **Lot. No.** (See product label)

SPECIFICATION

Product Overview	STK31 MS Standard C13 and N15-labeled recombinant protein (NP_113602) with a C-terminal MYC/DDK tag, was expressed in HEK293 cells.
Species	Human
Source	HEK293
Description	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.
Molecular Mass	115.7 kDa
AA Sequence	MWVQGHSSRASATESVSFSGIVQMDDEDTHYDKVEDVVGSHIEDAVTFWAQSIINRN KDIMKIGCSLSEVCPHASSVLGNLDPNKIYGGLFSEDQCWYRCKVLKISVEKCLVRYI DYGNTIELNRSDIVEIPLELQFSSVAKKYKLWGLHIPSDQEVQTQFDQGTTFGLSLIFEK EIKMRIKATSEDGTVIAQAEYGSVDIGEEVLKKGFAEKCRLASRTDICEEKKLDPGQL VLRNLKSPIPLWGHRSNQSTFSRPKGHLSEKMTLDLKDENDAGNLITFPKESLAVGD FNLGSNVSLEKIKQDQKLIENEKLTKEKDALLESYKALELKVEQIAQELQQEKAAAV DLTNHLEYTLKTYIDTRMKNLAAKMEILKEMRHVDISVRFGKDLSDAIQVLDEGCFTT PASLNGLEIWA EYSLAQENIKTCEYVSEGNILIAQRNEMQQKLYMSVEDFILEVDESS LNKRLKTLQDLSVSLEAVYGQAKEGANSDEILKKFYDWKCDKREEFTSVRSETDASL HRLVAWFQRTLKVFDLSVEGLISEDAMDNIDEILEKTESSVCKELEIALVDQGDADK

 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

EIISNTYSQVLQKIHSEERLIATVQAKYKDSIEFKKQLIEYLNKSPSVDHLLSIKKTLSL
KALLRWKLVEKSNLEESDDPDGSGIEKIKEEITQLRNNVFQEIYHEREEYEMLTSLAQ
KWFPELPLLHPEIGLLKYMNSGGLLTMSLERDLLDAEPMKELSSKRPLVRSEVNGQII
LLKGYSVDVDTEAKVIERAATYHRAWREAEGDSGLLPLIFLFLCKSDPMAYLMVPYY
PRANLNAVQANMPLNSEETLKVMKGVAQGLHTLHKADIIHGSLSHQNNVFALNREQGI
VGDFDFTKSVSQRASVNMMVGDLSLMSPELKMKGKSPASPGSDLYAYGCLLLWLSVQ
NQEFEINKDGIPKVDQFHLDDKVKSLLCSLICYSMTAEQVLNAECFLMPKEQSV
NPEKDTYTYLKKEEEIKTENLDKCMEKTRNGEANFDCTRTRPLEQKLISEEDLAAN
DILDYKDDDDKV

Purity > 80% as determined by SDS-PAGE and Coomassie blue staining

Stability Stable for 3 months from receipt of products under proper storage and handling conditions.

Storage Store at -80 centigrade. Avoid repeated freeze-thaw cycles.

Concentration 50 µg/mL as determined by BCA

Storage Buffer 100 mM glycine, 25 mM Tris-HCl, pH 7.3.

GENE INFORMATION

Gene Name STK31 serine/threonine kinase 31 [Homo sapiens (human)]

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;

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Gene ID	56164
mRNA Refseq	NM_031414
Protein Refseq	NP_113602
MIM	605790
UniProt ID	Q9BXU1
SDS-PAGE	