

Product datasheet for PH309210

STK31 (NM_031414) Human Mass Spec Standard

Product data:

Product Type:	Mass Spec Standards
Description:	STK31 MS Standard C13 and N15-labeled recombinant protein (NP_113602)
Species:	Human
Expression Host:	HEK293
Expression cDNA Clone or AA Sequence:	RC209210
Predicted MW:	115.7 kDa
Protein Sequence:	>RC209210 protein sequence Red=Cloning site Green=Tags(s)

MWVQGHSSRASATESVSFSGIVQMDEDTHYDKVEDVVGSHIEDAVTFWAQSINRNKDIMKIGCSLSEVCP
HASSVLGNLDPNKIYGGFLFSEDQCWYRCKVLKIIISVEKCLVRYIDYGNTIELNRSDIVEIPLELQFSSVA
KKYKWLGLHIPSDQEVTQFDQGTTFGLSIFEKEIKMRKATSEDGTVIAQAEYGSVDIGEEVLKKGFAE
KCRLASRTDICEEKLDPGQLVLRNLKSPIPLWGHRSNQSTFSRPKGHLSEKMTLDLKDENDAGNLITFP
KESLAVGDFNLGSNVSLEKIKQDQKLIENEKLTTEKDALLESYKALELKVQIAQELQQEAAAVDLNTN
HLEYTLKTYIDTRMKNLAAMEILKEMRHVDISVRFKGLSDAIQVLDGECFTTPASLNGLEIIWAEYSL
AQENIKTCEYVSEGNILIAQRNEMQQKLYMSVEDFIVLVESSLNKRKLTQLDLSVLEAVYVQAKEGAN
SDEILKKFYDWKCDKREEFTSVRSETDASLHRLVAWFQRTLKVFDLSVEGSLISEDAMNIDEILEKTES
SVCKELEIALVDQGDADKEIISNTYSQVLQKIHSEERLIATVQAKYKDSIEFKQLIEYLNKSPSVDHLL
SIKKTLSLKALLRWKLVEKSNLEESDDPDGSIIEKIEEITQLRNNVFQEIYHEREEYEMLTSLAQKWF
PELPLLHPEIGLLKYMNSGGLLTMSLERDLLDAEPMKELSSKRPLVRSEVNGQIILLKGYSDVDTEAKV
IERAATYHRAWREAEGDSGLLPLIFLFLCKSDPMAYLMPYYPANLNAVQANMPLNSEETLKVMKGVAQ
GLHTLHKADIHGSLLHQNNVFALNREQGIQVDFDFTKSVSQRASVNMVGDLSLMSPELKMGPASPQSD
LYAYGCLLLWLSVQNQFEFEINKDGIKVDQFHLDDKVKSLCSLICYRSSMTAEQVLNAECFLMPKEQSV
PNPEKDTEYTLYKKEEIKTENLDKCMKTRNGEANFDC

TRTRPLEQKLISEEDLAANDILDYKDDDDKV

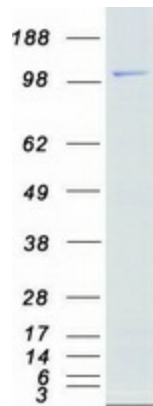
Tag:	C-Myc/DDK
Purity:	> 80% as determined by SDS-PAGE and Coomassie blue staining
Concentration:	>0.05 µg/µL as determined by microplate BCA method
Labeling Method:	Labeled with [U- ¹³ C ₆ , ¹⁵ N ₄]-L-Arginine and [U- ¹³ C ₆ , ¹⁵ N ₂]-L-Lysine
Buffer:	25 mM Tris-HCl, 100 mM glycine, pH 7.3
Storage:	Store at -80°C. Avoid repeated freeze-thaw cycles.



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Stability:	Stable for 3 months from receipt of products under proper storage and handling conditions.
RefSeq:	NP_113602
RefSeq Size:	3326
RefSeq ORF:	3057
Synonyms:	SGK396; TDRD8
Locus ID:	56164
UniProt ID:	Q9BXU1
Cytogenetics:	7p15.3
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, Jul 2008]
Protein Families:	Druggable Genome, Protein Kinase

Product images:



Coomassie blue staining of purified STK31 protein (Cat# [TP309210]). The protein was produced from HEK293T cells transfected with STK31 cDNA clone (Cat# [RC209210]) using MegaTran 2.0 (Cat# [TT210002]).