

Product datasheet for **RC234064**

STK25 (NM_001271977) Human Tagged ORF Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	STK25 (NM_001271977) Human Tagged ORF Clone
Tag:	Myc-DDK
Symbol:	STK25
Synonyms:	SOK1; YSK1
Mammalian Cell Selection:	Neomycin
Vector:	pCMV6-Entry (PS100001)
E. coli Selection:	Kanamycin (25 ug/mL)



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ORF Nucleotide
Sequence:

>RC234064 ORF sequence
Red=Cloning site Blue=ORF Green=Tags(s)

TTTTGTAATACGACTCACTATAGGGCGGCCGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
GCCGCGATCGCC

ATGGCTCACCTCCGGGGATTTGCCAACACGACTCTCGAGTGGACCCTGAGGAGCTCTTACCAAGCTCG
ACCGCATTGGCAAGGGCTCGTTTGGGGAGGTCTACAAGGCATCGATAACCACACAAAGGAGGTGGTGGC
CATCAAGATCATCGACCTGGAGGAGGCCGAGGATGAGATCGAGGACATCCAGCAGGAGATCACTGTCCTC
AGTCAGTGCACAGCCCTACATCACCCGCTACTTTGGCTCTACCTAAAGAGCACCAAGCTATGGATCA
TCATGGAGTACCTGGGCGCGGCTCAGCACTGGACTTGCTTAAACCAGGTCCCCTGGAGGAGACATAAT
TGCCACGATCCTGCGGGAGATTCTGAAGGGCTGGATTATCTGCACTCCGAACGCAAGATCCACCGAGAC
ATCAAAGTGCCAACGTGCTACTCTCGGAGCAGGGTGACGTGAAGCTGGCGGACTTTGGGGTAGCAGGGC
AGCTCACAGACACGAGATTAAGAGGAACACATTCGTGGGCACCCCTTCTGGATGGCACCTGAGGTCAT
CAAGCAGTCGGCCTACGACTTCAAGGCTGACATCTGGTCCCTGGGGATCACAGCCATCGAGCTGGCCAAG
GGGAGACCTCAAACCTGACCTCCACCCCATGCGCGTCTGTTCTGATTCCCAAGAACAGCCACCCA
CACTGGAGGGCCAGCACAGCAAGCCCTCAAGGAGTTCGTGGAGGCTGCCTCAACAAAGACCCCGATT
CCGGCCCACGGCCAAGGAGCTCCTGAAGCACAAGTTTCATCACACGCTACACCAAGAAGACCTCCTTCCTC
ACGGAGCTCATCGACCGCTATAAGCGCTGGAAGTCAGAGGGGCATGGCGAGGAGTCCAGCTCTGAGGACT
CTGACATTGATGGCGAGGCGGAGGACGGGGAGCAGGGCCCATCTGGACGTTCCCCCTACCATCCGGCC
GAGTCCACACAGCAAGCTTCAAGGGGACGGCCCTGCACAGTTCACAGAAGCCTGCGGAGCCCGTCAAG
AGGCAGCCGAGGTCCCAGTGCCTGTCCACGCTGGTCCGGCCCGTCTTCGGAGAGCTCAAAGAGAAGCACA
AGCAGAGCGGCGGAGCGTGGGTGCGCTGGAGGAGCTGGAGAAGCCTTCAGCCTGGCCGAGGAGTCCTG
CCCCGGCATCTCAGACAAGCTGATGGTGCACCTGGTGGAGCGAGTGCAGAGGTTTTACACACAAGAAAC
CACCTGACATCCACCCGC

ACGCGTACGCGGCCGCTCGAGCAGAACTCATCTCAGAAGAGGATCTGGCAGCAATGATATCCTGGATT
ACAAGGATGACGACGATAAGGTTTAA

Protein Sequence:

>RC234064 protein sequence
Red=Cloning site Green=Tags(s)

MAHLRGFANQHSRVDPEELFTKLDRIKGSFGEVYKIDNHTKEVVAIKIIDLEEADEIEDIQQEITVL
SQCDSPYITRYFGSYLKSTKLWIIMEYLGGSALDLLKPGPLEETYIATILREILKGLDYLHSEKIH
IKAAVLLSEQGDVKLADFGVAGQLTDTQIKRNTFVGTFFWMAPEVIKQSAYDFKADIWSLGITAI
ELAKGEPPNSDLHPMRVLFILPKNSPPTLEGQHSKPFKEFVEACLNDPRFRPTAKELLKHKFI
TRYTKTSFLTELIDRYKRWKSEGHGEESSSESDIDGEAEDGEQGPFIWTFPPTIRPSHKLHK
GTALHSSQKPAEPVKRQPRSQCLSTLVRPVFVGLKKEKHKQSGGSVGALEELNAFLAEESCPGI
SDKLMVHLVERVQRFSHNRNHLTSTR

TRTRPLEQKLISEEDLAANDILDYKDDDDKV

Chromatograms:

https://cdn.origene.com/chromatograms/mk6078_c10.zip

Restriction Sites:

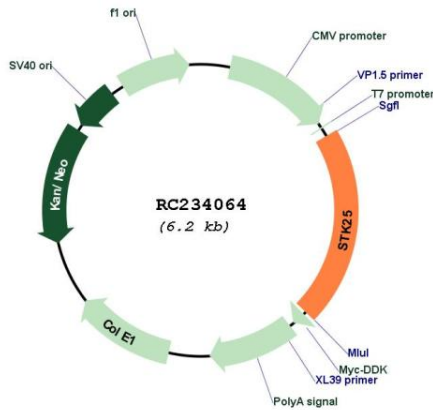
SgfI-MluI

Protein Families: Druggable Genome, Protein Kinase

MW: 48.1 kDa

Gene Summary: This gene encodes a member of the germinal centre kinase III (GCK III) subfamily of the sterile 20 superfamily of kinases. The encoded enzyme plays a role in serine-threonine liver kinase B1 (LKB1) signaling pathway to regulate neuronal polarization and morphology of the Golgi apparatus. The protein is translocated from the Golgi apparatus to the nucleus in response to chemical anoxia and plays a role in regulation of cell death. A pseudogene associated with this gene is located on chromosome 18. Multiple alternatively spliced transcript variants have been observed for this gene. [provided by RefSeq, Dec 2012]

Product images:



Circular map for RC234064