

## Product datasheet for **SC211437**

### LYK5 (STRADA) (NM\_001165969) Human 3' UTR Clone

#### Product data:

Product Type:	3' UTR Clones
Product Name:	LYK5 (STRADA) (NM_001165969) Human 3' UTR Clone
Symbol:	LYK5
Synonyms:	LYK5; NY-BR-96; PMSE; Stlk; STRAD; STRAD alpha
Mammalian Cell Selection:	Neomycin
Vector:	pMirTarget (PS100062)
ACCN:	NM_001165969
Insert Size:	970 bp
Insert Sequence:	>SC211437 3'UTR clone of NM_001165969 The sequence shown below is from the reference sequence of NM_001165969. The complete sequence of this clone may contain minor differences, such as SNPs. <b>Blue</b> =Stop Codon <b>Red</b> =Cloning site

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GGCAAGTTGGACGCCCGCAAGATCCGCGAGATTCTCATTAAAGCCAAGAAGGGCGGAAAGATCGCCGTG
TAACAATTGGCAGAGCTCAGAATTCAAGCGATCGCC
TCCAACGGCCAGTGCCAGCACCTCCTGAACCACTCTTTCTTCAAGCAGATCAAGCGACGTGCCTCAG
AGGCTTTGCCGAATTGCTTCGTCCTGTCACCCCATCACCAATTTGAGGGCAGCCAGTCTCAGGACC
ACAGTGAATCTTTGGCCTGGTAACAAACCTGGAAGAGCTGGAGGTGGACGATTGGGAGTTCTGAGCCT
CTGCAAACCTGTGCGCATTCTCCAGCCAGGGATGCAGAGGCCACCCAGAGGCCCTTCTGAGGGCCGGCC
ACATTCGCCCCCTCCTGGGCAGATTGGGTAGAAAGGACATTCTTCCAGGAAAGTTGACTGCTGACTGAT
TGGGAAAGAAAATCCTGGAGAGACACTTCACTGCCTCCAAGGCTTTTGGAGACAAAGGGAATCTCAACAA
CCAGGGATCAGGAGGGTCCAAAGCCGACATTCAGTCCCTGTGAGCTCAGGTGACCTCCTCCGCAGAAG
AGAGATGCTGCTCTGGCCCTGGGAGCTGAATCCAAGCCAGGGTTTGGCTCCTTAAACCCGAGGACCG
CCACCTTCCCAGTGCTTGGCACCAGCCTCATTCTATTTAACTTTGCTCTCAGATGCCTCAGATGCTA
TAGGTCAGTGAAGGGCAAGTAGTAAGTGCCTGCCTCCCTTCCCTCAGACCTCTCCCTCATAATTCCA
GAGAAGGGCATTCTGTCTTTTTAAGCACAGACTAAGGCTGGAACAGTCCATCCTATCCCTCTTCTGG
CTTGGGCCCTGACACCTAAGTCTTCCCACGGTTTATGTGTGTGCCTCATTCTTTCCCAAGAATC
CATCTTAGCGCCTCCTGCCAGCTGCCCTGGTGCTTTCTCCAAGGCCATCAGTGTCTTGCCTAGCTTGA
GGGCTTAAGTCCCTATGCTGTGTTAGTTTCGTTGTCAGAACAAATTAATAATTTTCAGAGACGCTGCTGG
AGAA
ACGCGTAAGCGGCCGCGGCATCTAGATTGAAAGAAATGACCCACCAAGCGACGCCCAACCTGCCATCA
CGAGATTCGATTCCACCGCCCTTCTATGAAAGG
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Restriction Sites: SgfI-MluI



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<b>OTI Disclaimer:</b>	Our molecular clone sequence data has been matched to the sequence identifier above as a point of reference. Note that the complete sequence of this clone is largely the same as the reference sequence but may contain minor differences , e.g., single nucleotide polymorphisms (SNPs).
<b>Components:</b>	The cDNA clone is shipped in a 2-D bar-coded Matrix tube as 10 ug dried plasmid DNA. The package also includes 100 pmols of both the corresponding 5' and 3' vector primers in separate vials.
<b>RefSeq:</b>	<a href="#">NM_001165969.2</a>
<b>Summary:</b>	The protein encoded by this gene contains a STE20-like kinase domain, but lacks several residues that are critical for catalytic activity, so it is termed a 'pseudokinase'. The protein forms a heterotrimeric complex with serine/threonine kinase 11 (STK11, also known as LKB1) and the scaffolding protein calcium binding protein 39 (CAB39, also known as MO25). The protein activates STK11 leading to the phosphorylation of both proteins and excluding STK11 from the nucleus. The protein is necessary for STK11-induced G1 cell cycle arrest. A mutation in this gene has been shown to result in polyhydramnios, megalencephaly, and symptomatic epilepsy (PMSE) syndrome. Multiple transcript variants encoding different isoforms have been found for this gene. Additional transcript variants have been described but their full-length nature is not known. [provided by RefSeq, Sep 2009]
<b>Locus ID:</b>	92335
<b>MW:</b>	35.8