

Product datasheet for **RR204505**

Strada (NM_182820) Rat Tagged ORF Clone

Product data:

Product Type: Expression Plasmids
Product Name: Strada (NM_182820) Rat Tagged ORF Clone
Tag: Myc-DDK
Symbol: Strada
Synonyms: Lyk5
Vector: pCMV6-Entry (PS100001)
E. coli Selection: Kanamycin (25 ug/mL)
Cell Selection: Neomycin
ORF Nucleotide Sequence: >RR204505 representing NM_182820
Red=Cloning site Blue=ORF Green=Tags(s)

TTTTGTAATACGACTCACTATAGGGCGCCGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
GCC**CGATCGCC**

ATGTCTTTTCTTGCCAATGAGGGGAGCTCAGAGTCCATAGCATCCTTCTCCAACCAGAGATCATGAGTA
GCTTTCTGCCAGAGGGCGGGTGTACGAGCTGCTCCGTCATAGGCAAAGGGTTTGAGGACTTGATGAC
AGTGAATTCAGGTACAAACCAACAGGAGAGTATGTGACAGTACGAAGGATCAACCTAGAAGCTTGTTC
AATGAGATGGTGACGTTCTTGCAGGGGGAGCTTCATGTCTCTAAACTCTTCAGCCATCCCAATATCGTGC
CGTATCGAGCCACCTTCATCGCAGACAACGAGCTGTGGGCCGTACATCATTATGGCGTACGGTCTGC
AAAGGATCTCATTGGCACACACTTCATGGACGGCATGAGTGAAGTGGCGATTGCGTACATCCTGCAGGGG
GTGCTAAAGGCCTTAGACTACATCCATCACATGGGCTATGTGCACAGGAGTGTCAAGGCCAGCCACATTC
TGATCTCCACGGATGGGAAGTCTACCTGTCTGGCTTACGCAGCAACCTTAGCATGATCAGTCATGGACA
ACGGCAGCGTGGGTCCATGATTTCCCAAAATAGCATCAAGTCTGCCTGGCTCAGCCAGAAGTC
CTCCAGCAGAATCTTCAGGGTTATGACGCCAAGTCTGATATCTACAGTGTGGGAATCACAGCGTGGCAAC
TAGCCAATGGCCATGTCCCTTCAAAGACATGCCTGCTACTCAGATGCTGCTAGAGAAACTTAATGGCAC
CGTGCCCTGCCTGCTGGACACCAGCACCATCCCTGCTGAGGAGCTGACCATGAGTCCCTCCGCTCCATT
GCCAACCTGGCCTGAATGACAGCCTGGCCGCTGGTAGCCTCCGCTGCCAATGGTGACTCCCCTTCCC
ACCCCTACCACCGAACCTTCTACCCCATTTCCACAACCTTGTGGAGCAGTGCCTTCAGCGCAACCTGA
TGCAAGGCCAAACGCCAGCACCTCCTGAACCACTCCTTCTTCAAGCAGATCAAGCGACGTGCTCCGAG
GCTTTACCTGAGTTGCTCCGCCAGTCACTCCATCACCAGCTTCGAGGGCAGCCAGTCTCAGGATCATA
GTGGAATCTTAGGCTGGTGACAAACCTGGAAGACCTGGAGGTGGATGACTGGGAGTTC

ACGCGTACGCGGCCGCTCGAGCAGAAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT
ACAAGGATGACGACGATAAGGTTTAA



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MSFLANEASSESIASFSPKPEIMSSFLPEGGCYELLSVIGKGFEDLMTVNSRYKPTGEYVTVRRINLEACS
 NEMVTFLLQGELHVSFLKFSHPNIVPYRATFIADNELWAVTSFMAYGSAKDLIGTHFMDGMSELAIAYILQG
 VLKALDYIHHMGYVHRSVKASHILISTDGKVYLSGLRSNLSMISHGQRQRAVHDFPKYSIKVLPWLSPEV
 LQQNLQGYDAKSDIYSVGITACELANGHVFPKDMPATQMLLEKLNGLTVPCLLDTSTIPAELTMSPSRSI
 ANPGLNDSLAAAGSLRPANGDSPSHPYHRTFSPHFHNFVEQCLQRNPDARPNASTLLNHSFFKQIKRRASE
 ALPELLRPVTPITSFEGSQSDHSGILGLVTNLEDLEVDDEWF

TRTRPLEQKLISEEDLAANDILDYKDDDDKV

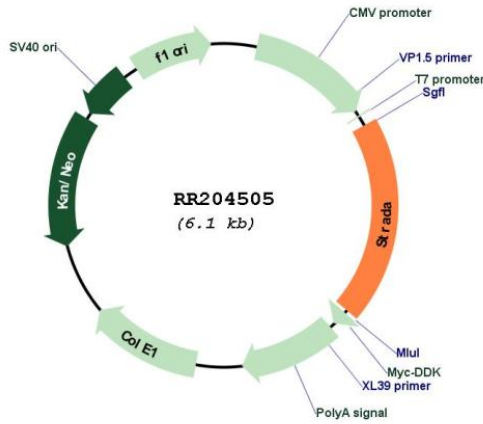
Restriction Sites:

Sgfl-MluI

Cloning Scheme:



Plasmid Map:



ACCN: NM_182820

ORF Size:	1179 bp
OTI Disclaimer:	The molecular sequence of this clone aligns with the gene accession number as a point of reference only. However, individual transcript sequences of the same gene can differ through naturally occurring variations (e.g. polymorphisms), each with its own valid existence. This clone is substantially in agreement with the reference, but a complete review of all prevailing variants is recommended prior to use. More info
OTI Annotation:	This clone was engineered to express the complete ORF with an expression tag. Expression varies depending on the nature of the gene.
Components:	The ORF clone is ion-exchange column purified and shipped in a 2D barcoded Matrix tube containing 10ug of transfection-ready, dried plasmid DNA (reconstitute with 100 ul of water).
Reconstitution Method:	<ol style="list-style-type: none">1. Centrifuge at 5,000xg for 5min.2. Carefully open the tube and add 100ul of sterile water to dissolve the DNA.3. Close the tube and incubate for 10 minutes at room temperature.4. Briefly vortex the tube and then do a quick spin (less than 5000xg) to concentrate the liquid at the bottom.5. Store the suspended plasmid at -20°C. The DNA is stable for at least one year from date of shipping when stored at -20°C.
RefSeq:	NM_182820.1 , NP_877972.1
RefSeq Size:	2016 bp
RefSeq ORF:	1182 bp
Locus ID:	303605
UniProt ID:	Q7TNZ6
Cytogenetics:	10q32.1
MW:	43.6 kDa
Gene Summary:	serine threonine kinase; human homolog is mutated in Peutz-Jeghers cancer syndrome [RGD, Feb 2006]