

## Product datasheet for **RR209720**

### Stradb (NM\_001109307) Rat Tagged ORF Clone

#### Product data:

Product Type:	Expression Plasmids
Product Name:	Stradb (NM_001109307) Rat Tagged ORF Clone
Tag:	Myc-DDK
Symbol:	Stradb
Synonyms:	Als2cr2; RGD1559449
Vector:	pCMV6-Entry (PS100001)
E. coli Selection:	Kanamycin (25 ug/mL)
Cell Selection:	Neomycin
ORF Nucleotide Sequence:	>RR209720 representing NM_001109307 Red=Cloning site Blue=ORF Green=Tags(s)

TTTTGTAATACGACTCACTATAGGGCGCCGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC  
GCC**GCGATCGCC**

ATGTCTCTTTGGATTGTTTCTGTGCTTACGTACACGAGTTGAATCACTCAGACCTGAAAAGCAATCTG  
AAACCAGTATCCATCAATACTCGGTTGATGAGCCAGCTATTTCTGGTCCCCTCCATGTGCTACAACCA  
TGAAGTGTGTGCTCCACGGATGCCACTACTATGAAGTGCATGTGGAGATAGGAAGAGGGTTTCGACAAC  
TTGACCTCTGTTTCTCGCACGGCACACTCCTACAGGAACACTGGTAACATAAAAAATTACAAACCTGG  
AGACCTGCACTGACGAGCGTCTGAGAGCTTTACAGAGAGCGGTGATTCTATCTCACTTTTTCCAACATCC  
CAATATTACAACCTACTGGACAGTTTTCACTGTTGGCAGCTGGCTTTGGGTTATTTATCCATTATGGCC  
TACGGTTCAGCAAGTCAGCTCCTAAGGACCTACTTTCTGATGGAATGAGTGAACTTTAATAAGAAACA  
TTCTCTTTGGAGCAGTACGAGGGTTGAACTATCTGCACCAAAATGGCTGCATCCATAGGAGTTTTAAGC  
CAGCCATATCCTCATTCTGGTGTGCTGGCCTGGTGACCTCTCTGGCCTGTCCCATCTGCATAGTTTGGTT  
AAGCACGGACAAAGGCATAGGGCTGTGTTGATTTCCACAGTTCAGCACCTCAGTGCAGCCGTGGCTGA  
GTCCAGAACTACTGAGACAGGATTTACATGGATATAATGTGAAGTCTGATATTTACAGTGTGGGATCAC  
AGCCTGTGAATTGGCCAGCGGGCAGGTTCTTTCCAGGACATGCATAGTACTCAGATGCTACTACAGAAA  
CTGAAAGGTCCTCCATATAGCCCACTGGATGTCTAGTATTTTCTCAGTCACTCTAGAATGAGAAATT  
CCCAGTCAAGGAGTACTCTGGGATTGGAGAGCGTGTCTGCTCCACTGGAACCTCACACAGTCAATAG  
TGACCGGCTCCACAGCCATCCACAAGAATTCTCTCTGCCTTTTTAGCTTGGTGCAGCTGTGTTTTG  
CAGCAAGATCCTGAGAAAAGCCATCAGCAAGCAGTTTGTGTCCATGTTTTCTCAAGCAGATGAAAAG  
AAGAAAGCCAAGACTCCATACTCTCCCTGCTGCCACCTGCTTATAACAGGCCAGCAGCGTCACTGCCACC  
AGTGTACCCTGGAGCGAGCTGGAATTCAGTTTCTGATGACAAAGACCCAGACTGGGAATTC

**ACGCGT**ACGCGGCCGCTCGAGCAGAAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCTGGATT  
ACAAGGATGACGACGATAAGGTTTAA



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<b>ORF Size:</b>	1254 bp
<b>OTI Disclaimer:</b>	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. <a href="#">More info</a>
<b>OTI Annotation:</b>	This clone was engineered to express the complete ORF with an expression tag. Expression varies depending on the nature of the gene.
<b>Components:</b>	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).
<b>Reconstitution Method:</b>	<ol style="list-style-type: none"><li>1. Centrifuge at 5,000xg for 5min.</li><li>2. Carefully open the tube and add 100ul of sterile water to dissolve the DNA.</li><li>3. Close the tube and incubate for 10 minutes at room temperature.</li><li>4. Briefly vortex the tube and then do a quick spin (less than 5000xg) to concentrate the liquid at the bottom.</li><li>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.</li></ol>
<b>RefSeq:</b>	<a href="#">NM_001109307.2</a> , <a href="#">NP_001102777.2</a>
<b>RefSeq Size:</b>	2351 bp
<b>RefSeq ORF:</b>	1257 bp
<b>Locus ID:</b>	501146
<b>Cytogenetics:</b>	9q31
<b>MW:</b>	46.9 kDa