

## Product datasheet for **RR213174**

### Stub1 (NM\_001025625) Rat Tagged ORF Clone

#### Product data:

Product Type: Expression Plasmids  
 Product Name: Stub1 (NM\_001025625) Rat Tagged ORF Clone  
 Tag: Myc-DDK  
 Symbol: Stub1  
 Synonyms: Chip  
 Vector: pCMV6-Entry (PS100001)  
 E. coli Selection: Kanamycin (25 ug/mL)  
 Cell Selection: Neomycin  
 ORF Nucleotide Sequence: >RR213174 representing NM\_001025625  
 Red=Cloning site Blue=ORF Green=Tags(s)

TTTTGTAATACGACTCACTATAGGGCGGCCGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC  
 GCC**CGGATCGCC**

ATGAAGGGCAAGGAGGAAAAGGAGGGCGGCGCGGCTGGGCACTGGTGGCGGGCAGCCCTGATAAGA  
 GCCCGAGTGCGCAAGAGCTCAAGGAGCAGGAAACCGGCTCTTCGTGGGCGCAAGTACCCGAGGGCGGC  
 GCCTGTACGGCCGCGCCATCACCCGGAACCCACTTGTGGCAGTGTACTACCCAACCGGGCCCTGTGC  
 TATCTGAAGATGCAGCAGCCTGAACAGGCACTTGTGCTGACTGCCGGAGAGCCCTGGAGCTGGATGGGCA  
 CTGTGAAGGGCGCACTTCTTCTGGGCGAGTCCAGCTAGAGATGGAGAGTTATGATGAGGCCATTGCCAA  
 TCTGCAGCGAGCCTATAGTTTGGCCAAGGAGCAGCGACTCAACTTTGGGGATGATATTCCTAGTGCCTT  
 CGCATTGCTAAGAAGAAGCGCTGGAACAGTATCGAGGAACGGCGCATCCACCAGGAGAGTGAGCTGCACT  
 CCTATCTCACCAGGCTCATTGCTGCTGAGCGAGAGAGGGAACGGGAGAGTGTGAGCGGAACACGAGGG  
 TGATGAGGATGATGGCCACATCAGGGCCCAGCAGGCTGCATTGAGGCCAAGCAGATAAATACATGGCG  
 GACATGAATGAGCTTTCTCTCAGGTGGATGAGAAAAGAAAGCAGAGATATCCCTGACTACTTGTGTG  
 GCAAGATCAGCTTTGAGCTGATGCGGGAACCCGCATTACCCAGTGGCATTACCTATGACCCGAAAGCA  
 CATTGAGGAGCACCTGCAGCGCGTGGGCCATTTGATCCTGTGACCCGGAGCCCTCTGACCCAGGAACAG  
 CTCATCCCAACTTAGCCATGAAGGAAGTCATTGATGCTTTCATCTCTGAGAATGGCTGGGTAGAGGACT  
 AC

**ACGCGT**ACGCGGGCGCTCGAGCAGAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT  
 ACAAGGATGACGACGATAAGGTTTAA



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**Protein Sequence:** >RR213174 representing NM\_001025625  
 Red=Cloning site Green=Tags(s)

MKGKKEKEGGARLGTGGGGSPDKSPSAQELKEQGNRLFVGRKYPEAAACYGRAITRNPLVAVYYTNRALC  
 YLKMQQPEQALADCRRALELDGQSVKAHFLLGQCQLEMESYDEAIANLQRAYSLAKEQRLNFGDDIPSAL  
 RIAKKKRWNSIEERRIHQESLHSHYLTRLIAAERERELEEQRNHEGDEDDGHIRAQACIEAKHDKYMA  
 DMNELFSQVDEKRKKRDIPTYLCKGISFELMREPCITPSGITYDRKDIEEHLQRVGHFDPVTRSPLTQE  
 LIPNLAMKEVIDAFISENGWVEDY

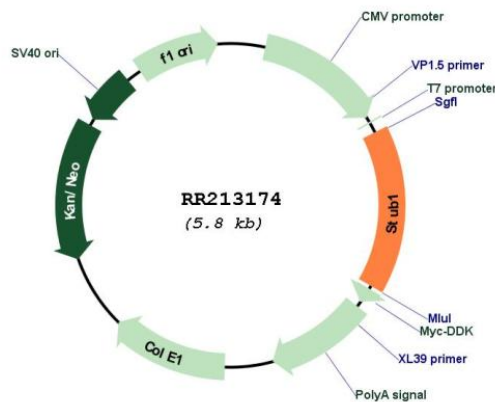
TRTRPLEQKLISEEDLAANDILDYKDDDDKV

**Restriction Sites:** SgfI-MluI

**Cloning Scheme:**



**Plasmid Map:**



**ACCN:** NM\_001025625

**ORF Size:** 912 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_001025625.2</a> , <a href="#">NP_001020796.2</a>
<b>RefSeq Size:</b>	1283 bp
<b>RefSeq ORF:</b>	915 bp
<b>Locus ID:</b>	287155
<b>Cytogenetics:</b>	10q12
<b>MW:</b>	34.9 kDa