

## Product datasheet for RN211900

### Stk25 (NM\_184049) Rat Untagged Clone

#### Product data:

Product Type:	Expression Plasmids
Product Name:	Stk25 (NM_184049) Rat Untagged Clone
Tag:	Tag Free
Symbol:	Stk25
Synonyms:	MGC94619
Vector:	pCMV6-Entry (PS100001)
E. coli Selection:	Kanamycin (25 ug/mL)
Cell Selection:	Neomycin
Fully Sequenced ORF:	>RN211900 representing NM_184049 Red=Cloning site Blue=ORF Orange=Stop codon

TTTTGTAATACGACTCACTATAGGGCGCCGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC  
GCC**CGATCGC**C

ATGGCTCACCTCAGGGGCTTCGCGCACCAGCATTCTCGTGTGGACCCAGAGGAACCTTCCACCAAGCTTG  
ACCGAATTGGCAAGGGCTCATTTGGGGAGGTGTACAAGGGGATCGACAACCACACGAAGGAGGTGGTGCC  
CATCAAGATCATTGACCTGGAAGAGGCCGAGGATGAGATTGAGGACATCCAACAGGAGATCACCGTGCTC  
AGCCAATGTGATAGCCCTTACATCACTCGCTACTTCGGCTCCTACCTAAAGAGCACCAAGCTATGGATTA  
TCATGGAGTACCTGGGTGGTGGCTCTGCACTGGACTTGCTGAAACCTGGTCCACTGGAGGAGACCTATAT  
TGCCACCATCTTGCGGGAGATCCTGAAAGGCTTGATTATCTGCATTAGAGCGCAAGATCCACCGAGAC  
ATCAAAGCTGCCAACGTGCTGCTCTCAGAGCAGGGTGTGTGAAGCTGGCAGACTTCGGTGTGGCTGGGC  
AGCTCACAGACACAAAATCAAGAGGAACATTTGTGGGTACTCCCTTCTGGATGGCACCTGAGGTTAT  
CAAGCAGTCGGCCTATGACTTCAAGGCTGACATCTGGTCCCTGGGCATCACAGCCATCGAGCTGGCCAAG  
GGGGAGCCGCCAACTCTGACCTCCACCCTATGCGAGTCCTGTTCTGATTCCCAAGAACAATCCACCCA  
CATTGGAAGGCCACCACAGCAAACCTTCAAGGAGTTTGTAGAGGCGTGCCTCAATAAGGACCCACGAT  
CCGACCCACTGCCAAGGAGCTCCTGAAGCACAAATTCATCACACGTTACACCAAGAAGACCTCCTTTCTC  
ACTGAACTTATTGACCGATATAAGCGTTGGAAGTCTGAGGGGCATGGCGAGGAGTCCAGTTCTGAGGATT  
CTGACATTGATGGCGAGGCTGAGGATGGGGAGCAGGGTCCCATCTGGACGTTTCTCCAACCATCCGGCC  
AAGTCCACATAGCAAGCTGCACAAGGGGACTGCTCTGCACAGCTCACAGAAGCCTGCTGAGCCTATCAAG  
AGACAGCCAAGGTCCCAGTGCTTGTCCACACTAGTCCGCTCTGCTTTGGAGAGCTCAAAGAGAAGCACA  
AGCAGAGCGGTGGGAGCGTGGGTGCCCTGGAGGAGCTAGAGAATGCCTTCAGCCTGGCTGAGGAATCCTG  
TCCTGGCATCTCAGACAAGCTGATGGTGCATCTGGTGGAGCGTGTGCAGAGGTTCTCACACAGCAGAAAC  
CACCTGACATCTACCCGCTGA

**ACGCGT**ACGCGGCCGCTCGAGCAGAAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT  
ACAAGGATGACGACGATAAGGTTTAA



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<b>Restriction Sites:</b>	Sgfl-Mlul
<b>ACCN:</b>	NM_184049
<b>Insert Size:</b>	1281 bp
<b>OTI Disclaimer:</b>	Our molecular clone sequence data has been matched to the reference identifier above as a point of reference. Note that the complete sequence of our molecular clones may differ from the sequence published for this corresponding reference, e.g., by representing an alternative RNA splicing form or single nucleotide polymorphism (SNP).
<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>	<u><a href="#">NM_184049.1</a></u> , <u><a href="#">NP_908938.1</a></u>
<b>RefSeq Size:</b>	2021 bp
<b>RefSeq ORF:</b>	1281 bp
<b>Locus ID:</b>	373542
<b>Cytogenetics:</b>	9q36
<b>Gene Summary:</b>	human homolog is a member of the Ste20-like kinase family which is activated by cellular, particularly oxidant, stress but which does not activate either of the stress-activated MAP kinase cascades (p38 and SAPKs) [RGD, Feb 2006]