

## Product datasheet for RN211064

### Stag3 (NM\_053730) Rat Untagged Clone

#### Product data:

Product Type:	Expression Plasmids
Product Name:	Stag3 (NM_053730) Rat Untagged Clone
Tag:	Tag Free
Symbol:	Stag3
Mammalian Cell Selection:	Neomycin
Vector:	pCMV6-Entry (PS100001)
E. coli Selection:	Kanamycin (25 ug/mL)
Fully Sequenced ORF:	>RN211064 representing NM_053730 Red=Cloning site Blue=ORF Orange=Stop codon

TTTTGTAATACGACTCACTATAGGGCGGCCGGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC  
GCC**CGATCGCC**

ATGCCTACTCTGTGGTCACCCCTCCACCCAGCACCATGGCTCTTCCTCAGGCAGTATGTCCTCCCCTCTTC  
GAAAGTCTGTGAGATGTGCACAGATGGCCTTGTCTCCTTGTCTTCTCAACATCCAACCCTGTGATGACAG  
AGACTCCCAGGGAAGTGCAGAAATGGGATAGTTCCTCAACTAGTGAAGACAGTGACTTTGAAGATAGCTTA  
AGAAGAAATGTGAGGAAGAGAGCAGCAAAACGACCACCCAAAGCTATCCCAGTGGCAAAACATCCGAAGA  
AGCATCCACATAGTACCTGGTGGGAATGACAAGAACAAGTCAAGTCCCGCAACCAAGTCACTTTTGA  
TGCTGTGAAAGCTGCTAGAAGTTGTGCGCAGTCTTTGGTAGATGAGTGGCTAGAAAACACTACAAGCAAGAT  
GAAAATGCAGGATTCTTGAACTTGTTAATTTTTTCATCCGAGCCTGTGGATGTAAAAGCACTGTACAC  
CCGAGATGTTCAAGACAATGTCCAACCTCAGAGATCATCCAGCACCTAACAGAAGAGTTTAAATGAGGACTC  
AGGTGACTATCCCTGACAGCTCCAGGTCCATCCTGGAAGAAGTCCAGGGAAGCTTCTGTGAGTTGTG  
AAGACACTAGTCTGTGAGTCCAGTACAGCCTCCTTTGACGGCTTCCAATGGATGACCTTATCTCCC  
TGCTCATTGGCCTCTCAGATTCCAGGTCCGAGCCTTTCGTCATACTAGTACTTTGGCTGCCATGAAGCT  
AATGACTTCTCTGGTAAAAGTTGCACTCCAGTTGAGTCTGCACAAAGACAACAATCAACGTCAGTATGAG  
GCAGAACGAAACAAGGGCCAGAGCAGAGGGCACCAGAGCGGCTCGAGAGTCTGTGGAGAAACGAAAAG  
AGTTCCAAGAGAATCAAGAGGAGATAGAGGGGATGATGAATGCCATCTTCAGGGGTGCTTTGTTTATCG  
GTACAGGGACATCCTTCTGAGATCCGTGCTGTGTCATCGAGGAGATCCGGTGTGGATGCAAAGCTAC  
AGCACCTCCTTTCTTAATGACAGCTACCTAAAATATATTGGCTGGACCCTGCATGACAAGCACAAGGAAG  
TCCGCCTAAAGTGTGGAAGGCTCTGGCAGGGCTGTACAGCAACCAGGAGCTGAGTTCACGGATGGAGCT  
CTTTACTAATCGCTTCAAGGACCGGATGGTTCCATGGTCATGGCAGAGAGAGTGAAGTACAGTGGAG  
GCCATCAGATTGCTGACCCTTATTCTGAAGAACATGGAGGGAGTACTGACTAGTGCAGATTGTGAGAAAA  
TTTACTCCATTGTATACATTTCTAATCGTGCCATGGCCTCTTCTGAGGGGAATTTGTACTGGAAGAT  
TTTCCATCCTGAATGTGGGCAAAAGCAGTGAAGTGGCAGGAGCGACCCGGAGTCCACAAGCCAGAGG  
ACTTTTACCTTTTATTGGCTTCTTTATGGAGAGTGAAGTACAGCATTGCTTACCTAGTTG  
ACAGCTTGTGGACTGTGAGGGTCTTACCTGAAGGACTGGGAGAGTCTGACAAGTCTGTTGCTGCAGAA



[View online »](#)

AGACCAGAATCTGGGTGATATGCAAGAGAGAATGTTGATAGAAATCCTGGTGTCCAGTGCCCGGCAAGCT  
 GCAGAGGGTCACCCACCAGTGGGGCGCATCACTGGAAAGAAGAGTCTGACCGCAAAGAACGCAAGCTTC  
 AAGCTTATGATAAGGTGAAGCTGGCTGAGCACCTATCCCCCTCTTGCCCGAGCTCCTTGCCAAGTTCTC  
 AGCAGATGCAGAGAACGTTGCTCCCTTGTCCGGCTGCTCAGTTACTTTGACCTCAACATTTATTGCACT  
 CAGCGCTTGGAGAAGCACTTGGAGCTGCTTCTGCAACAACCTCCAGGAGGTGGTGGTGAAGCACGTAGAGC  
 CTGAGGTGCTTGGAGCTGCAGCACATGCCCTCTATTTGCTCTGCAAGCCAGAGTTCACCTTCTTCAGCAG  
 AGTGGACTTCGCCAGAAGCCAATTAGTAGATCTGCTGACTGATAGATTCCAGCAGGAGCTTGACGACCTA  
 ATGCAGTCATCCTTCTAGATGAGGATGAGGTATACAGTCTGACAGCCACTCTGAAGCGTCTCTCTGCT  
 TTTACAATGCTCATGACCTGACTCGCTGGGAGATCTCTGAACCATGTTCTCGACTCCTCCGGAAGGCTGT  
 AGACACAGGAGAAGTTCCTCACCAGGTGATTTTCCAGCCTTGACTCTGGTATATTTTTCCATTCTCTGG  
 ACAGTGACCCACATTTAGAGTCTACTTCCAAAAGCAGCTGATGAGTCTGAAGAAAAGAATGGTAGCCT  
 TCTGTGAACCTTCCAAAAGCTGCCTCTCAGACGTGGACCCAGAGATCCAGGAGCAGGCTTTTGTTTTATT  
 AAGTGACCTGCTTCTCATCTTCAGCCCCAGATGGTTGTAGGGGGCCGGGATTTCTTAGGCCTCTGTG  
 TTTTTCCGGAAGCTACTCTCCAGTCGGAAGTCCAGCTTCTCATGGACCATGCTTTTCTCCAGCCTG  
 GAGAATTGGGCAACGGTCAATCACAGGAGGATCAGTCCAAATAGAGCTTCTGCACCAGAGCGCCGCT  
 GCTTGCAGGATTTGTAAAGCTGTTGCTTTATGGGGTATTGGAAGTGGATGCGGCCTCAGATGTTTTCAA  
 CACTACAACAAGTCTATGAAGATTATGGTGACATTATCAAGGAAACATTAACCTCGGCGAGACAAATTG  
 ACCGATGTCAGTCTCTCGGATCCTGCTCCTGAGCCTAAAGCAGCTCTACACAGAACTGATACAGGAGCA  
 GGGGCCCCAGGACCTGACAGAAGTCCAGCCTTATTGAGATGAGAGACCTGGCCCGGAGGTTTGCCTTG  
 AGCTTTGGACCCAGCAGCTCCATAACAGAGATCTTGTGGTATGCTGCACAAGGAAGGCATCAAGTTCT  
 CATTGTCTGAGCTTCTCCTGCTGGCTCTTCTCGAGAGCCCCAAATATTGCATTCTGGAGCTTCTTTC  
 AGAGTTCTCCCCCGCTCTCCATCAGGACAAACAGCTACTACTATCATACCTGGAAAAGTGTCTGCAG  
 CGTGTCTCCATGGCACCTAGCCATCCCTGGGGTCCAGTACCACCTACTGCCACTCCCTCCATCTAGTAG  
 AGAACACAGCAGAGGCCAGCTCTCAGGGGCCCCCACTCCAAGAAGAGGTGATTGAAGTTCCCGCAG  
 GCTTCAGGAAGAAGTCTTATCCCAGGGAGAAAGCCTTCAGTGAACAGTGGCCCCAACACCTACA  
 CTCACCTCCACAGCAGTGAAGAGAAGGCAGTCTCCGAGGACAGTAGGCAAGAGGCAAAAAGGTGGACCAG  
 GACCAGGACCAGGACCAGGACCAGGACCAGGACCAGGACCAGGACCAGGACCAGGACCAGGACCAGGACC  
 AGAGCTGATCTGCAGTCAAGCAGCTCTCAGGACCCAGAGGTTGAAAATGTCGAGTGCACCGTGTTCAG  
 ATTCGATGTGATCCTTCTGGCTCTGGCTGGGCAAGCAGATGACCCGACTCAGCCTTATGGAAGAAGATG  
 AGGAAGAAGAGCTGAGACTTCTGGATGAAGAATGGCAATGTGGAGACAAGCTACTTCATAGCCCTTCTTC  
 TCCAGTGAGCATGGGCTGGACCTATTAGATACAACAGAGCTGAACATGGAGATTCTGA

ACGCGTACGCGGCCGCTCGAGCAGAAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT  
 ACAAGGATGACGACGATAAGGTTTAA

- Restriction Sites:** Sgfl-Mlul
- ACCN:** NM\_053730
- Insert Size:** 3771 bp
- OTI Disclaimer:** 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).
- 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:**

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\\_053730.1](#), [NP\\_446182.1](#)

**RefSeq Size:** 4181 bp

**RefSeq ORF:** 3771 bp

**Locus ID:** 114522

**UniProt ID:** [Q99M76](#)

**Cytogenetics:** 12q11

**Gene Summary:** testis-specific protein which associates with the synaptonemal complex [RGD, Feb 2006]