

## Product datasheet for RN214813

### Scaf8 (NM\_139094) Rat Untagged Clone

#### Product data:

Product Type:	Expression Plasmids
Product Name:	Scaf8 (NM_139094) Rat Untagged Clone
Tag:	Tag Free
Symbol:	Scaf8
Synonyms:	Rbm16
Mammalian Cell Selection:	Neomycin
Vector:	pCMV6-Entry (PS100001)
E. coli Selection:	Kanamycin (25 ug/mL)
Fully Sequenced ORF:	>RN214813 representing NM_139094 Red=Cloning site Blue=ORF Orange=Stop codon

TTTTGTAATACGACTCACTATAGGGCGGCCGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC  
GCC**CGATCGCC**

ATGGAGGCCGTGAAGACCTTCAACAGCGAGTTGTATTCGCTGAATGACTATAAGCCACCCATTTCTAAAG  
CAAAAATGACCCAGATTACAAAGGCAGCCATCAAAGCTATTAAGTTCTATAAACATGTGGTACAGAGCGT  
TGAGAAATTCATTCAGAAATGTAACCAGAATACAAGGTACCCGGACTGTATGTTATTGACTCCATTGTG  
CGACAATCCCGGCATCAGGTTGGTCAAGAAAAGGATGTGTGTGCACCCAGATTTAGTAATAACATCATT  
GCACTTTCCAGAATTTATATCGGTGCCCGGGGATGACAAGAGTAAAATAGTGAGAGTATTAACCTATG  
GCAGAAGAATAATGTTTTAAGAGCGAGATTATCCAGCCTCTCCTGGATATGGCGGCAGGGATTCCTCCC  
CCAGTTGTACCCCGGTTTTGGCCAGCACCCTGTAGCCATGAGCAACACTCCAGGAACACCTGTGACAC  
CTGTTACTCCAGCCAATGTGTTCAAGGCTACCTGATCCATGGGTATCGCAGATAACAAACACAGACAC  
ACTGGCAGCTGTTGCCAGATCTTACAAAGTCTCAAGGTCAACAGCTTCAGCAACTAATACAGACCTTA  
CAGATACAACAGCAGAAGCCCCAGCCCTATCCTTCAGGCTTTGGATGCTGGCCTTGTTGTTGAGTTGC  
AGGCACTACTGCACAGCTTACAGCTGCAGCTGCTGCAGCCAACACACTACTCCCTGGACCAGGGAGT  
CTCTTTCAACAAGAAGTTGATGGATAGATTTGATTTGGGAAGATTCTGAGCATAGTGAAGAATCCAAA  
AAGGAAATTCCTACTCCTCAACTCTCAGTTTTCTGAGTCTGTGAACAACTCCATCTTCCATCAGATAG  
CAGAACAGCTGCAGCAGCAGAACCCTGGAGCAGTTGCGGCAGCAGCTCCTGGAGCAGCAGCAGCCTCAGAA  
GGTAACTCCTCAGGACAGCCAGGAGGGAGCATTGGCTCTGAGCACTCAGCTTACCCTCACAAGGGAGT  
AGCCAACAGCATTTTCTGGAACCTGAAGCAAATTTAGATGATTCCATAGACATTCAGCAACAGGATATGG  
ATATTGATGAAGGGCAAGATGTTGTTGAAGAGGAGATCTTTGAACCAGAAGCTAAGAAAGTAGCTGTTTCG  
CTCAAGATCAAGAACTATTACAGATCTCGATCAAGGTCACCAAGAAAACGGAGTCCAGGTACAGCTCT  
GGGTCCCAGAAAGCGAAAGCATAGGAAGAGGTCTCGCTCCCGCTCCAGAGAGAGAAAGAGAAAATCCTCAC  
GTTCTATTCAAGTGAACGCAGAGCCAGGGAAGGGAGAAAGAACGCCAAAAAAGGGCTTGCTCCTGT  
CAGATCGAAAACGCTAAGTGTATGCAGCACTACTCTGCGTTGGCCAAGTGACAAGAAGGCTACACAG



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CAAGATTTAACCAACCTTTTTGAGGAGTTTGGGCAAATCGAATCCATTAATATGATTCCACCCAGGGCT  
 GTGCATATGTCTGTATGGTTCATCGACAAGATTCATTTGGGCTCTCCAGAACTGAGTTCAGGATCCTA  
 TAAATTTGGTCCAAGGTCATTAAGATTGCCTGGGCTTTGAACAAAGGTGTAAGACAGAATACAAACAG  
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 CGTTAAAGAGACTGTCCAGACGACACAGAGTCCAGCTGCAGTTGAGAAGGAGACAGTGGTCACAACGCAG  
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 CACCTTACAGAACACCAGATTCTTCTGGTGAGAATACCAGACCAGTATTCCAAGTGATTTCCAAGCA  
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 CGCAGCTTTCATCCACCACCCGTTGGACCTTTCTCCAGGGGATCTTTTGTAGTCCAGCAAGAACCT  
 TTTCTGGCTCCTGGAAGACCAAAATAGACAGTGTCTAACCAGATAAAAAGTAACTTGGGAATG  
 ACAATATCCAGCAGGAAGGGGATAGAGATTACCGCTTTCTCCTATAGAAAACAGGGAGGGCATTAAATG  
 ACCTCCTCCAGTGGATGTTAGGGATGTGGTTGGACGACCTATAGATCCCAGAGAAGGCCCTGGTAGGCCT  
 CCGTTAGATGGTAGGGATCATTTTGAAGACCTCCAGTGGACATGAGAGAGACTTGTGAGGCCAGGTC  
 TAGACCACCTTGGCCGAAGAGACCACTTTGGCTTTCCCCAGAAAAGCCTTGGGGCCTAGAGATTCGA  
 TGAGAGAGAGCACCAGTCTGCTGTCTTTGGTGGTCCAAGGGCTTACATGAAGAAAGAGGCAGATTT  
 CGGGCTGGAAATATCGATTTGATCCTAGAAGTGGTCTTGAACAGAGGATTTGGACAAGAAAGTTCACA  
 GAGATTTTGTGACCGCAGAAGACCTGGGAGAGGCAGAGGGATAGGGATGACAGAGATTTGATTTCTG  
 CAGAGAAATTAATGGGAATCGTCTTGGACGAGATAGAATCAAAAACCTTGGGTTCCCTCCTCATGCT  
 CGGGTTTTTGTATTTTGAAGGGGCCACTTCTCAACGAAAGGTGAGAATGTGCTCAAGTTAATGGTG  
 GAAATACAGAGAGACATGCTCCGCCACCCCTTTGCCAGTGCAGAAGGACCCTGAACTCTATGAGAAGCT  
 GGCGTCTTCAGGAGACGACAGACAAGGAGGAGAGCGGCACAGCTGCTGGTGTAGAGAGTGAAGCGGTGGTA  
 GAAAGCACAGAGACTGAGGGGACATAA

ACGCGTACGCGGCCGCTCGAGCAGAACTCATCTCAGAAGAGGATCTGGCAGCAATGATATCCTGGATT  
 ACAAGGATGACGACGATAAGGTTTAA

- Restriction Sites:** SgfI-MluI
- ACCN:** NM\_139094
- Insert Size:** 3807 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\\_139094.1](#), [NP\\_620794.1](#)

**RefSeq Size:** 4794 bp

**RefSeq ORF:** 3807 bp

**Locus ID:** 245926

**UniProt ID:** [Q63623](#)

**Cytogenetics:** 1q11

**Gene Summary:** binds the repetitive C-terminal domain (CTD) of RNA polymerase II; may act with other CTD binding proteins to link transcription and pre-mRNA processing [RGD, Feb 2006]