

Product datasheet for **RN217148**

Ston1 (NM_182954) Rat Untagged Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	Ston1 (NM_182954) Rat Untagged Clone
Tag:	Tag Free
Symbol:	Ston1
Synonyms:	Salf; Sblf
Vector:	pCMV6-Entry (PS100001)
E. coli Selection:	Kanamycin (25 ug/mL)
Cell Selection:	Neomycin



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Fully Sequenced ORF: >RN217148 representing NM_182954
 Red=Cloning site Blue=ORF Orange=Stop codon

TTTTGTAATACGACTCACTATAGGGCGGCCGGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
 GCC**CGGATCGCC**

ATGTGTTCTACAACCCAGGCAGCTGGGTACCTTTGACGATGACTCTCTTTTTCAGTCTTCTCCGAAGA
 AAAAGGATTTATCTCTGGAGACTCAAGGTGTTTGACAGACCAAATGGACTGAAGCTGGACCTTCTGGCCT
 CAGGGACCTTCCAATACCCCTCTCCACCGGCAGCACCCCTTTGTCCTCTCCCATGGTGGACTTTTAC
 TTCAGTCCAGGGCCTCCAAGCAACTCGCTCTTTCTACACCCACCAAAGACTTCCCGGGGTTCCCTGGCA
 TCCCTAAAGCGGGGACACATGTGCTTTATCCTATTCCAGAGTGTCTTCAAGCGTCCCCCACAACAGC
 GGGAGGAGCAGTCCCCGTTTACTACTAAGCCAACCTGCTCACCCCATGTATCGTTACCCAGTGGC
 CACTCGCACACCCAGTACTCCACAGCGGTCTTACAGAAGACGCCAGCCCTCGGGGGTCCAAAGCG
 AGGCTCGACAGTTCGAGTATTTTCAGGATGACTGTGCTTTTTCCAACCCATTTGGAAAGATGAAGTGG
 CAACTCTCAGTTCCCTTTGACTCCCTGGCAAGCAGAAAGCTGTTCTACCAAGGGACAAGGAGGTACCT
 GACGATCAAAAAAGCCTAAACCAGTGCTATTGAACTACATCTGTGAGAAAGCTCGAACACTTGCAGTCAG
 CGGAGACCCAAGACCCTCTTGGAAACTTGCTATGCAGAGCTCGTACGCTGGAGGCACATTTCTTTTTGT
 CCCACACACCCTTCCGGAGTCAGCCCAAAGCTGGATGGTCTTTCATGTTGAGGATTCCTGAGAAGAAG
 AACATGATGTCTTCCCGGAGTGGGGACCCATTTTCTAAAGGTTCTTCCCGCGGGGATCCTGCAGATGT
 ACTATGAGAAGGGGCTGGAAAAACCATCAAAGAGTTCAGCTCAATCCGCATTGCAGACTCTCGGAACC
 CAAACTGGAGAATTCCAGATGGCAGGGAAGATCCACACTGTGAAGGTAGAGCACGTGTCTTACTCCGAG
 AAAAGGAAATACCATTCCAAGGTGGAGGTGGTTCACGAGCCGAGGTGGAGCAGATGCTGAAGCTAGGGT
 CCACGGAAACCCGTGACTTCCTTGAATTTCTGACTACTGTGGAAGAGGAGCTAGTAAAGCTGCCGGCTAC
 GGCAAAACCGAAGAACAATACTATGAGGAGCAAGAGATTACCTGGACATTCTGGACAGCTTCTGGGGC
 AAAGTGACCAAGGAAGAGGGCAAGCTGGTCGAGAGCGCTGTGCTAACTCAGGTCTGCTGCCTCTGCTTTC
 TAAACGGGCCAGCGGAATGTTTCTTAGCCTTAAATGACCTCGAGCTCCAGAAACGAGATGAACGCTATTT
 TGAGAAAGAACCAGAAAAAGGGGATTGATATTCTTAACTACCATTTTTCATACGTGCGTGAATGCTGAA
 GAATTTGAACGGTCCAGAATCATTAAAGTTCGTACCTCCAGATGCTTGGCGGTTTCGAGCTGATGCGTTTCA
 GAACCTCGAGTGAAGGGGATGAGCTTCCCTTCTCGGTGAAGTCCATAGTGACTGTCCAGGGAGCCTATGT
 GGAGCTGCAGGCCTTTGTCAACATGACCCAGCAGTTCAGAGGTACCCCATGCAGGTTCCCTGAGGAGC
 TGTAACAATATCATGATTCATTTTCCCGTCCCAGCCAGTGGATCAAGGCCCTCTGGACCAGGAACCTTC
 AGAGGCAGAAGTCCCTGAAAGCCAAAATGAACCGTCGGGCATGCCTGGGGAGTTTACAGGGGCTGAATT
 GGAACCTGTCAATTCAGGTCACTGTGGGGTCCAGAAAATATGAGAGTGCCTACCGGGCTGTGGTGTGGAAG
 ATAGATCGACTCCCGGACAAAAACAAGTCCCGATCAGCCCCATTGTCTGTGCATACAACTAGAATTG
 GGTCCAGACCAGGAGGTTCCCTCAGATTGGGATCCATTTGCTACCGTCCAGTTTTCCATGTCTGAAGCCTG
 TGCTCCAGGACAGAAGTGAAGTCTCTGGGAGTGGAGAGTGACGCCAGCCTCAGAAGCATGTGTGTGAG
 CGAGCTTGCTACAACATCCAGGTTGAAATAGAAAAGAAGTGGATTCAAATAGATGGAGAGGACCCAGATA
 AAGCTGGTGGCTGTGACTCAG**TAA**

ACGCGTACGCGGCCGCTCGAGCAGAAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT
 ACAAGGATGACGACGATAAGGTTTAA

Restriction Sites: SgfI-MluI

ACCN: NM_182954

Insert Size: 2196 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).

OTI Annotation:	Clone contains native stop codon, and expresses the complete ORF without any c-terminal tag.
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:	<ol style="list-style-type: none">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:	<u>NM_182954.2</u> , <u>NP_891999.2</u>
RefSeq Size:	3131 bp
RefSeq ORF:	2196 bp
Locus ID:	360202
Cytogenetics:	6q12
Gene Summary:	transcription factor; human homolog is an adaptor protein that interacts with components of the endocytic machinery [RGD, Feb 2006]