

Product datasheet for **MC221184**

Ston1 (NM_029858) Mouse Untagged Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	Ston1 (NM_029858) Mouse Untagged Clone
Tag:	Tag Free
Symbol:	Ston1
Synonyms:	4921524J06Rik; C86231; Salf; Sblf
Mammalian Cell Selection:	Neomycin
Vector:	pCMV6-Entry (PS100001)
E. coli Selection:	Kanamycin (25 ug/mL)



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Fully Sequenced ORF: >MC221184 representing NM_029858
 Red=Cloning site Blue=ORF Orange=Stop codon

TTTTGTAATACGACTCACTATAGGGCGGCCGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
 GCC**CGGATCGCC**

ATGTATTCTACAACCCGGGAGCTGGGTACCTTTGATGATGACCTGCTTTTCAATCTTCTCAGAAAA
 GAAAGGATTTTTCTGGAGACTCAGGGTGTGGTAGACCAAACGACTGAAGCTGACCCTCCTACCCT
 CCGGGACCCTCCAGCACCCCTCTCTGCCAGCAGCACCCCTGTCTCTCCCATGGTGGATTTTAT
 TTCAGTCCAGGACCCCAAGCAACTCCCCTCTTCTACACCCACCAAGACTTCCAGGGTTCCTGGCA
 TCCCTAAAGCAGGGACACATGTGCTTTATCCTATTCCAGAGTGTCTTCAAGCAGTGCCCCACAACGGC
 GGGAGGAGTGGTCCCCATTACTTACTAAGCCAGACTGCTCCCCCATGTATCGTTACCCAGTAGC
 CACTCCACACTCAGCCACTCCAACACTCGGTTTTACAGAAGACGCTGGCCCTCAGCGGTCCAAAGCG
 AGGCTCGCAGTTCGAATATTTTCAGGACCATTGTGCTTCTCCAACCCATTTGGAAAGATGAAGGTAG
 CGTTCCCGTTCCTTACTCCCTGGCAAGCAGAAAGCCGTTCTACCAAAGGACAAGGAGGTACCT
 ATTGGCCACAAAAGCCTAACCCAGTGTCACTGGACTACATCTGCGAGAAGCTGGAACACTTGCCTCAG
 CGGAGACCCAAGACCCTCTGGAGATTTGTCTATGCAGGATCCATATGCAGGAGACACAGTCTCGTTTGT
 CCCACTCCCTCTCCGGAGTCAGCCAGAGCTGGATGGTCTTATGCTGAGGATTCCTGAGAAGAAG
 AACATGATGTCTCCCGCAATGGGGACCCATTTCTAAAGGTTCTTCTGGAGGGATTCTGCAGATGT
 ACTATGAGAAGGGGTAGAAAAACCATCAAAGAGTTCAGCTTGACCCACATTGCAGGCTTTCTGAGCC
 CAACTCGAGAATTGAGCATGGCAGGGAAAAATCCACACCGTGAAGGTGGAACACGTGTCTTACTCAGAG
 AAAAGGAAATACCATGCCAAGACAGAGGTGGTTCACGAGCCGGAAGTGGAGCAGATGCTGAAGCTGGGT
 CCACGGAACCCGTGACTTCTCGAGTTTCTGACTACCGTGAAGAGGAGCTAATAAAGCTGCCGGCTAC
 TGCCAAGCCCAAGAACAAGCTACGAGGAACAAGAAATTTGCCTGGACATTCAGGACAGCCTTTGGGGT
 AAAGTAACCAAAGAGGGGAGCTGGTGGAAAGCGCGTGGTAACCTCAGATCTGCTGCCTCTGCTTCTCA
 ACGGGCCCGGGAATGTTTCTAGCCTTAAACGACCGTGAAGTCCAGAAACGGGACGAATGCTATTTTGA
 GAAAGAACCGGAAAAAAGGGGATTGCTATTCTTACTACCATTTCCATACGTGTGTGAAGGCTGAAGAA
 TTTGAACAGTCCAGAATCATTAGTTCGTGCTCTGGATGCTTGGCGTTTGGAGTGTGCGTTTCAAAA
 CCTCGTACGAAGCGGTGAGTCCCTTTGCGGTGAAGTCCGTAGTAACGTCCAGGAGCCTATGTGGA
 GCTGCAGGCTTTGTCAACATGACCCAGCAGCTCAGGGTACCCCATGCCGTGCCCTGAGGAGCTGT
 AACATATCATGATTCATTTTCTGTCCAGCCAGTGGATCAAGCCCTCTGGACCAGGAACCTTCAGA
 GGCAAGTCCCTGAAAGCCAAAATGAACCGTCCGGCTTGTCTGGGGAGTTTACAGGAGCCTGAATCTGA
 ACCTGTCAATCAGGTCACTGTGGGTGAGCAAAATATGAGAGCGCCTACCGGGCTGTGGTGTGGAAGATA
 GACCGGCTTCGGATAAAAACTCAAGTCTGATCAGCCCCATTGTCTGTACATAAACTAGAAGTGGGT
 CAGACCAGGAAGTCCCTCAGATTGGTATCCATTTGCTACTGTCCAGTTTCCATGCTTGAAGCCTGTGC
 CTCAGGACAGAGGTGAGTCTCTGGGAGTGGAGAGCGATGCCAGCCTCAGAAGCACGTGTGCAGCGA
 GCTTGTACAACATCCAGGTTGAAATAGAAAAGAAGTGGATTCAAGTAGATGGAGAAGACGCAGATAAAA
 CTGGTGGCTGTGTAAC**TAATA**

ACGCGTACGCGGCCGCTCGAGCAGAAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT
 ACAAGGATGACGACGATAAGGTTTAA

Restriction Sites: SgfI-MluI

ACCN: NM_029858

Insert Size: 2193 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:	<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_029858.2</u> , <u>NP_084134.2</u>
RefSeq Size:	2983 bp
RefSeq ORF:	2193 bp
Locus ID:	77057
UniProt ID:	<u>Q8CDJ8</u>
Cytogenetics:	17 E4
Gene Summary:	May be involved in the endocytic machinery.[UniProtKB/Swiss-Prot Function]