

## Product datasheet for **MC202982**

### **Saa4 (NM\_011316) Mouse Untagged Clone**

#### **Product data:**

Product Type:	Expression Plasmids
Product Name:	Saa4 (NM_011316) Mouse Untagged Clone
Tag:	Tag Free
Symbol:	Saa4
Synonyms:	Saa-4; Saa-5
Mammalian Cell Selection:	Neomycin
Vector:	PCMV6-Kan/Neo (PCMV6KN)
E. coli Selection:	Kanamycin (25 ug/mL)



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**Fully Sequenced ORF:** >BC019212  
 CCACGCGTCCGCGGACGCGTGGGCGGACGCGTGGGCGGTCCCAATTCCTCTGAACTTCCACCAGAGAAA  
 GGGCCATCCATCGATGTCACACTTCTCCAGGGAGGTCTTGCTCGTGATTCACTCCTGAGATCCGTTTCAT  
 ATAGAGTCGCATCATGAGGCTTGCCACCGTCATTGTCCTCTGTTCTTTGTTCTGGGAGTCAGTGGTGAT  
 GGCTGGTATTCTTTCAGGGAAGCCGTACAAGGACTTGGGACTTGTGGAGAGCCTATCGGGACAACC  
 TAGAAGCTAATTACAAAAATGCAGACCAATACTTCTATGCTCGTGGGAACTACGAGGCCAACAGAGGGG  
 CTCTGGGGGCATCTGGGCTGCTAAAATAATCAGCACCAGCAGGAAATACTTCCAGGGCCTCCTAAACCGA  
 TATTATTTTGAATCAGGAACCATGGATTGAAAACCTGCAGGCTACCCAGAAAGCCGAGGAATGGGGCC  
 GCAGTGGCAAAAACCCCAATCACTTCCGACCCGAGGGCCTTCTGAGAAGTTCTGAGTCTGCCACTCAGA  
 CAGCACTCAGTGGACTAGGCTGTGAGCCACAAGCCTCTCTGTGATAGTCACTCAGCTTGGTGTCCACA  
 AGAAGCACGGAGAAGCTAGAGATGCCAGTAAACACTTTGCCAATTAATTTGTCGATGGAAACAGGGAA  
 CTCTCAGAAATACTTTCTGGGGAGAAAGAGTTGCTATGGATCACAGAAAATAAGCAGAGGAAAAAGGTGT  
 GACCACCAGGTAATGGCCTCAAACCATGAAGGTCCCTCACACAACCCAGCAGATCTGCTCTAGCCTTTA  
 ACCACACCAACGTCTGCTAAGCAGGCTTGAGCTAGCAAAGCATTGCCACCATGCAGGGGCTTCTCTGAA  
 AAGTGGAGTTTGTCTGAGATAAGCCCTGGGAACCTGCCATCAACTTCTCCCCTGGACTGGTACAGT  
 GTCTCCCTACCCACCATCTTCTGGTCAACCCGCTCTGTGTTTATTGGTACTGGTGTACCTCTGCCTT  
 ATCAATCATGCCCTCTTCACTAACTGCAGGCCTTGTCCCCTGCGACCTCTTTCAAGTAGGGAACGCTATG  
 TCGAGAATGCCTCATCTTAGCCTTGGGAACTCTAACTTGGAACTGCACTGGGGACCAGGGATATCGTTT  
 GGTATAGTGCTTGCTAAGCGTGCATGCATAGGTAGATTCTCAGAACTGCATAAATCTGGTGATGGTATAC  
 ATTTATAATCCTAGCACTGGGGAGGCAGACAGAGGCTGACAGACCAGAAGTTCAAGGCCAGCCCTGGCTA  
 TGTATTGAATTTGAATTTGAGGTGAGTTGGGATACATGAGACCTCTGTCCCCATAAAGTGTACACACA  
 CAC  
 ACACACCAACACACACACACACACCAAC  
 ACCACACCACACCACACCAGTGCCTAGCTCAGCTCAGGTTCTAACTAGTCTTGGCCAACACTACCTAAGA  
 AGTGGCGATCGCATCACTCTTTCTGGCTTTATTCTCATTGTCTTTTGATCGAAACAAAAGTCTGCTTTC  
 CGCTCTAGAAGGGAAGCAAGACACAACATCACTGAGCGGGAGTAAATGAATTGGTTCCCTCATAAAGCAA  
 AGGCATTCTTCTAGAGAAGGCCAGTCTGGTTTGTAGGGACGAGAAGGCACGGATGAAGACGGAGATTCTA  
 GTCATACGGGAGCACTGCTATGCCAAAGCCAGGTCCTAGGCGGAAGACTAACTCCACAGGAGCAGAGA  
 AAGAAACGTGGGGAGGATGGATGGAGCCTGTGGGATGGAGGATGAGGAACTTGGGATTCATCCTGCTCTT  
 GTCACATGTTGCACATGTTGCCACTTTCAGAGTGTGGCATACTTCACTATATTGGCCCATCTGCCTATC  
 TGCTGCAGGGAAAATATATTAATAAAAGCCAAAGGATAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAA AAA

**Restriction Sites:** RsrII-NotI

**ACCN:** NM\_011316

**Insert Size:** 393 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:** [BC019212](#), [AAH19212](#)

**RefSeq Size:** 2103 bp

**RefSeq ORF:** 393 bp

**Locus ID:** 20211

**UniProt ID:** [P31532](#)

**Cytogenetics:** 7 30.53 cM

**Gene Summary:** Major acute phase reactant. Apolipoprotein of the HDL complex.[UniProtKB/Swiss-Prot Function]