

## Product datasheet for **SC320363**

### ASAM (CLMP) (NM\_024769) Human Untagged Clone

#### Product data:

Product Type:	Expression Plasmids
Product Name:	ASAM (CLMP) (NM_024769) Human Untagged Clone
Tag:	Tag Free
Symbol:	ASAM
Synonyms:	ACAM; ASAM; CSBM; CSBS
Mammalian Cell Selection:	Neomycin
Vector:	pCMV6-AC (PS100020)
E. coli Selection:	Ampicillin (100 ug/mL)



[View online »](#)

**Fully Sequenced ORF:** >OriGene sequence for NM\_024769.2  
 CGGGGATCGGGATGTCCCTCCTCTCTCTTCTGCTAGTTTCTACTATGTTGGAACCT  
 TGGGGACTCACACTGAGATCAAGAGAGTGGCAGAGGAAAAGGTCACCTTTGCCCTGCCACC  
 ATCAACTGGGGCTTCCAGAAAAAGACACTCTGGATATTGAATGGCTGCTCACCGATAATG  
 AAGGGAACCAAAAAGTGGTGATCACTTACTCCAGTCGTCATGTCTACAATAACTTGACTG  
 AGAACAGAAGGGCCGAGTGGCCTTTGCTTCCAATTTCTGGCAGGAGATGCCTCCTTGC  
 AGATTGAACCTCTGAAGCCCAGTGATGAGGGCCGTACACCTGTAAAGTTAAGAATTCAG  
 GGCCTACGTGTGGACCATGTCATCTTAAAAGTCTTAGTGAGACCATCCAAGCCCAAGT  
 GTGAGTTGGAAGGAGAGCTGACAGAAGGAAGTACCTGACTTTGCAAGTGTGAGTCATCCT  
 CTGGCACAGAGCCATTGTGTTACTGGCAGCGAATCCGAGAGAAAAGGGAGAGGATG  
 AACGTCTGCCTCCAAATCTAGGATTGACTACAACCACCCTGGACGAGTTCTGCTGCAGA  
 ATCTTACCATGCTCTACTCTGGACTGTACCAGTGCACAGCAGGCAACGAAGCTGGGAAGG  
 AAAGCTGTGTGGTGCAGTAAGTGTACAGTATGTACAAAGCATCGGCATGGTTGCAGGAG  
 CAGTGACAGGCATAGTGGCTGGAGCCCTGCTGATTTTCTCTTGGTGTGGCTGCTAATCC  
 GAAGGAAAGACAAAGAAAGATATGAGGAAGAAGAGAGACCTAATGAAATTCGAGAAGATG  
 CTGAAGCTCCAAAAGCCGTCTTGTGAAACCCAGCTCCTTCTCCTCAGGCTCTCGGAGCT  
 CACGCTCTGGTTCTTCTCCACTCGCTCCACAGCAAATAGTGCCTCACGCAGCCAGCGGA  
 CACTGTCAACTGACGCAGCACCCAGCCAGGGCTGGCCACCCAGGCATACAGCCTAGTGG  
 GGCCAGAGGTGAGAGTTCTGAACCAAAGAAAGTCCACCATGCTAATCTGACCAAAGCAG  
 AAACCACACCCAGCATGATCCCCAGCCAGAGCAGAGCCTTCCAAACGGTCTGAATTACAA  
 TGGACTTGACTCCCACGCTTTCCTAGGAGTCAGGGTCTTTGGACTCTTCTCGTCATTGGA  
 GCTCAAGTCACCAGCCACACAACCAGATGAGAGGTCATCTAAGTAGCAGTGAGCATTGCA  
 CGGAACAGATTCCAGATGAGCATTTCCTTATAACAATACCAAACAAGCAAAGGATGTAAG  
 CTGATTCATCTGTAAAAAGGCATCTTATTGTGCCTTTAGACCAGAGTAAGGGAAAAGCAGG  
 AGTCCAAATCTATTTGTTGACCAGGACCTGTGGTGAGAAGGTTGGGAAAAGGTGAGGTGA  
 ATATACCTAAAATTTTTAATGTGGGATATTTTGTATCAGTGCTTTGATTCACAATTTTCA  
 AGAGGAAATGGGATGCTGTTTGTAAATTTTCTATGCATTTCTGCAAACCTATTGGATTAT  
 TAGTTATTCAGACAGTCAAGCAGAACCCACAGCCTTATTACACCTGTCTACACCATGTAC  
 TGAGCTAACCACTTCTAAGAACTCCAAAAAAGGAAACATGTGTCTTCTATTCTGACTTA  
 ACTTCATTTGTCATAAGGTTTGGATATTAATTTCAAGGGGAGTTGAAATAGTGGGAGATG  
 GAGAAGAGTGAATGAGTTTCTCCACTCTATACTAATCTCACTATTTGTATTGAGCCAA  
 AATAACTATGAAAGGAGACAAAAATTTGTGACAAAGGATTGTGAAAGAGCTTCCATCTTC  
 ATGATGTTATGAGGATTGTTGACAAACATTAGAAATATATAATGGAGCAATTGTGGATTT  
 CCCCTCAAATCAGATGCCTCTAAGGACTTTCCTGCTAGATATTTCTGGAAGGAGAAAAATA  
 CAACATGTCATTTATCAACGTCCTTAGAAAAGATTCTTCTAGAGAAAAAGGGATCTAGGA  
 ATGCTGAAAGATTACCAACATACCATTATAGTCTCTTCTTCTGAGAAAATGTGAAACC  
 AGAATTGCAAGACTGGGTGGACTAGAAAAGGGAGATTAGATCAGTTTTCTTAAATATGTC  
 AAGGAAGGTAGCCGGGCATGGTGCCAGGCACCTGTAGGAAAATCCAGCAGGTGGAGGTTG  
 CAGTGAGCCAAGATTATGCCATTGCACTCCAGCCTGGGTGACAAAAGCAAGACTCCATCTC  
 AAAAAAAAAAAAAAAAAA

**Restriction Sites:** Please inquire

**ACCN:** NM\_024769

**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).

<b>OTI Annotation:</b>	This TrueClone is provided through our Custom Cloning Process that includes sub-cloning into OriGene's pCMV6 vector and full sequencing to provide a non-variant match to the expected reference without frameshifts, and is delivered as lyophilized plasmid DNA.
<b>Components:</b>	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).
<b>Reconstitution Method:</b>	<ol style="list-style-type: none"><li>1. Centrifuge at 5,000xg for 5min.</li><li>2. Carefully open the tube and add 100ul of sterile water to dissolve the DNA.</li><li>3. Close the tube and incubate for 10 minutes at room temperature.</li><li>4. Briefly vortex the tube and then do a quick spin (less than 5000xg) to concentrate the liquid at the bottom.</li><li>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.</li></ol>
<b>RefSeq:</b>	<a href="#">NM_024769.2</a> , <a href="#">NP_079045.1</a>
<b>RefSeq Size:</b>	2645 bp
<b>RefSeq ORF:</b>	1122 bp
<b>Locus ID:</b>	79827
<b>UniProt ID:</b>	<a href="#">Q9H6B4</a>
<b>Cytogenetics:</b>	11q24.1
<b>Domains:</b>	ig, IGv, IGc2, IG
<b>Protein Families:</b>	Transmembrane
<b>Gene Summary:</b>	This gene encodes a type I transmembrane protein that is localized to junctional complexes between endothelial and epithelial cells and may have a role in cell-cell adhesion. Expression of this gene in white adipose tissue is implicated in adipocyte maturation and development of obesity. This gene is also essential for normal intestinal development and mutations in the gene are associated with congenital short bowel syndrome. [provided by RefSeq, Aug 2015]