

Product datasheet for **SC127339**

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:	None
Vector:	<u>pCMV6-XL5</u>
E. coli Selection:	Ampicillin (100 ug/mL)
Fully Sequenced ORF:	>OriGene ORF within SC127339 sequence for NM_024769 edited (data generated by NextGen Sequencing)

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ATGTCCCTCCTCTTCTCTCTTCTGCTAGTTTCTACTATGTTGGAACCTTGGGGACTCAC
ACTGAGATCAAGAGAGTGGCAGAGGAAAAGGTCACTTTGCCCTGCCACCATCAACTGGGG
CTTCCAGAAAAAGACTCTGGATATTGAATGGCTGCTCACCGATAATGAAGGGAACCAA
AAAGTGGTGATCACTTACTCCAGTCGTCATGTCTACAATAACTTGACTGAGGAACAGAAG
GGCCGAGTGGCCTTTGCTTCCAATTTCTGGCAGGAGATGCCTCCTTGCAGATTGAACCT
CTGAAGCCAGTGATGAGGGCCGTACACCTGTAAGGTTAAGAATTCAGGGCGCTACGTG
TGGAGCCATGTCATCTTAAAAGTCTTAGTGAGACCATCCAAGCCCAAGTGTGAGTTGGAA
GGAGAGCTGACAGAAGGAAGTGACCTGACTTTGCAGTGTGAGTCATCCTCTGGCACAGAG
CCCATTGTGTATTACTGGCAGCGAATCCGAGAGAAAGAGGAGAGGATGAACGTCTGCCCT
CCCAAATCTAGGATTGACTACAACCACCCTGGACGAGTTCTGCTGCAGAACTTACCATG
TCTACTCTGGACTGTACCAGTGACAGCAGGCAACGAAGCTGGGAAGGAAAGCTGTGTG
GTGCGAGTAACTGTACAGTATGTACAAAGCATCGGCATGGTTGCAGGAGCAGTGACAGGC
ATAGTGGCTGGAGCCCTGCTGATTTTCTCTTGGTGTGGCTGCTAATCCGAAGGAAAGAC
AAAGAAAGATATGAGGAAGAAGAGAGACCTAATGAAATTCGAGAAGATGCTGAAGCTCCA
AAAGCCCGTCTTGTGAAACCCAGCTCCTTCTCCTCAGGCTCTCGGAGCTCAGGCTCTGGT
TCTTCTCCACTCGCTCCACAGCAAATAGTGCCTCACGCAGCCAGCGGACACTGTCAACT
GACGCAGCACCCAGCCAGGGCTGGCCACCCAGGCATACAGCCTAGTGGGGCCAGAGGTG
AGAGTTTCTGAACCAAAGAAAGTCCACCATGCTAATCTGACCAAAGCAGAAACCACACC
AGCATGATCCCCAGCCAGAGCAGAGCCTTCCAACGGTCTGA

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Clone variation with respect to NM_024769.2



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5' Read Nucleotide Sequence:

>OriGene 5' read for NM_024769 unedited
 GGAATTTGTAATACGACTCACTATAGGGCGGCCGGAATTCGGCACGAGGCGCCTTTCCG
 CCTCGGTTTTCTCCCTGACCTGGTCCC GGCTCCCCTCCGGGCGCCAGCTGGTGGGGC
 GAGCGCCGGGAGCCCATCTGCCCCAGGGGCACGGGGCGGGGGCCGGCTCCC GCCCGGC
 ACATGGCTGCAGCCACCTCGCGCGACCCCGAGGCGCCGCGCCAGCTCTCCGAGGTCC
 GTCGGAGGCGCCCGCCGCCCGGGAGCCAAGCAGCAGCTGAGCGGGGAAGCGCCCGCTC
 CGGGGATCGGGATGTCCCTCCTCCTTCTCCTCTTGCTAGTTTCCTACTATGTTGGAACCT
 TGGGGACTCACACTGAGATCAAGAGAGTGGCAGAGGAAAAGGTCACTTTGCCCTGCCACC
 ATCAACTGGGGCTTCCAGAAAAAGACACTCTGGATATTGAATGGCTGCTCACCGATAATG
 AAGGGAACCAAAAAGTGGTGATCACTTACTCCAGTCGTCATGTCTACAATAAATTGACTG
 AGGAACAGAAGGGCCGAGTGGCCTTTGCTTCCAATTTCTGGCAGGAGATGCCTCCTTGC
 AGATTGAACCTCTGAAGCCCCAGTGATGAGGGCCGGCACACCTGTAAAGTTAAGAATTCA
 CGGCGCTACGTGTGGAGCCATGCATCTTAAAAGTCTTAGTGAGACCATCAAGCCCAAG
 TGTGAGTTGGAAGGAGAGCTGACAGAAGGAAGTACCTGACTTTGCAGTGTGAGTCATCC
 TCTGGCACAGAGCCATTGTGTATTACTGGCCACCGAATCCCCAGAGAAAGAGGAGGAGG
 ATGACCGTCCTGCCTCCCAAATCTAAGATTGACTACC

3' Read Nucleotide Sequence:

>OriGene 3' read for NM_024769 unedited
 TGGACCGCGGCCGAATCTAGAGTCGAGTTTTTTTTTTTTTTTTTTTGGAGATGGAGTCTT
 GCTTTGTCAACCAGGCTGGAGTGAATGGCATAATCTTGGCTCACTGCAACCTCCACCTG
 CTGGATTTTCTACAGTGCCTGGCACCATGCCCGCTACCTTCTTGACATATTAAGAG
 AAAACTGATCTAATCTCCCTTTCTAGTCCACCCAGTCTTGCAATTCTGGTTTCACATTTT
 CTCAGAAAAGAAGAGACTATAATGGTATGTTGGGTAACTTTTCAGCATTCTAGATCCCTT
 TTTCTCTAGAAGAATTCTTTCTAAGGACGTTGATAAATGACATGTTGTATTTTCTCCTTC
 CAGAAATATCTAGCAGGAAAGTCCTTAGAGGCATCTGATTTGAGGGGAAATCCACAATTG
 CTCCATTATATATTTCTAATGTTTGTCAACAATCCTCATAACATCATGAAGATGGAAAGC
 TCTTCACAATCCTTTGTCAAAATTTTGTCTCCTTTTCATAGTTATTTTGGGCTCAATAC
 AAATAGTGAGATTAGTATAGAGTGGGAGAACTCATTCACTCTTCTCCATCTCCCACTAT
 TTCAACTCCCCTTGAAATTAATATCCAACCTTATGACAAATGAAGTTAAGTCAGAATAG
 AAGACACATGTTTCCTTTNTTGGGAGTTCTTAAAGTGGTAGCTCAGTACATGGTGTAGA
 CAGGTGTAATAAGGCTGTGGGTTCTGCTGACTGTCTGAATAACTAAATATCANNNTAGT
 TGCAGAAATGCATAGAANATTACAACAGCATCCCATTTCTCTTGAANAATGTGAATCA
 AGCACTGATACCAAATACCCACATTAAGTTTANGTTTATTACCTNACCTTTNCCCA
 NNCCTTTACCACAGTCTGGGTACCAAATAGATTGCACTCCTGCTTTCTTNACTCTG
 GNCTAAGGCACACNTAGATGCCTTNTTAACGATGATCAGCTCACTACTCTTGCTGNTG

Restriction Sites:

NotI-NotI

ACCN:

NM_024769

Insert Size:

2660 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_024769.2](#), [NP_079045.1](#)

RefSeq Size: 2645 bp

RefSeq ORF: 1122 bp

Locus ID: 79827

UniProt ID: [Q9H6B4](#)

Cytogenetics: 11q24.1

Domains: ig, IGv, IGc2, IG

Protein Families: Transmembrane

Gene Summary: 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]