

Product datasheet for SC120634

ESAM (NM_138961) Human Untagged Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	ESAM (NM_138961) Human Untagged Clone
Tag:	Tag Free
Symbol:	ESAM
Synonyms:	W117m
Mammalian Cell Selection:	None
Vector:	<u>pCMV6-XL4</u>
E. coli Selection:	Ampicillin (100 ug/mL)
Fully Sequenced ORF:	>OriGene ORF within SC120634 sequence for NM_138961 edited (data generated by NextGen Sequencing)

```

ATGATTTCCCTCCCGGGGCCCTGGTGACCAACTTGCTGCGGTTTTTGTCTCGGGGCTG
AGTGCCCTCGCGCCCCCTCGCGGGCCAGCTGCAACTGCACTTGCCCGCAACCGGTTG
CAGGCGGTGGAGGGAGGGAAAGTGGTGCTTCCAGCGTGTACACCTTGCACGGGAGGTG
TCTTCATCCCAGCCATGGGAGGTGCCCTTTGTGATGTGGTTCTTCAAACAGAAAGAAAAG
GAGGATCAGGTGTGTCTACATCAATGGGGTCAACAAGCAAACCTGGAGTATCCTTG
GTCTACTCCATGCCCTCCCGAACCTGTCCCTGCGGCTGGAGGGTCTCCAGGAGAAAGAC
TCTGGCCCTACAGCTGCTCCGTGAATGTGCAAGACAAACAAGGCAAATCTAGGGGCCAC
AGCATCAAACCTTAAACTCAATGTACTGTTCTCCAGCTCCTCCATCCTGCCGTCTC
CAGGGTGTGCCCCATGTGGGGGCAAACGTGACCCTGAGCTGCCAGTCTCCAAGGAGTAAG
CCCCTGTCCAATACCAGTGGGATCGGCAGCTTCCATCCTTCCAGACTTTCTTTGCACCA
GCATTAGATGTATCCGTGGGTCTTTAAGCCTCACCACCTTTCTGCTTCCATGGCTGGA
GTCTATGTCTGCAAGGCCACAATGAGGTGGGCACTGCCCAATGTAATGTGACGCTGGAA
GTGAGCACAGGGCCTGGAGCTGCAGTGGTTGCTGGAGCTGTTGTGGGTACCCTGGTTGGA
CTGGGGTGTGCTGGCTGGGCTGGTCTTGTACCACCGCCGGGGCAAGGCCCTGGAGGAG
CCAGCCAATGATATCAAGGAGGATGCCATTGCTCCCCGGACCCTGCCCTGGCCCAAGAGC
TCAGACACAATCTCCAAGAATGGGACCCCTTCTCTGTACCTCCGCACGAGCCCTCCGG
CCACCCCATGGCCCTCCAGGCCCTGGTGCATTGACCCCAAGCCAGTCTCTCCAGCCAG
GCCCTGCCCTCACCAGACTGCCACGACAGATGGGGCCACCCTCAACCAATATCCCCC
ATCCCTGGTGGGGTTTCTCCTCTGGCTTGAGCCGCATGGGTGCTGTGCCTGTGATGGT
CCTGCCAGAGTCAAGCTGGCTCTCTGGTATGA

```

Clone variation with respect to NM_138961.2
436 g=>a



[View online »](#)

5' Read Nucleotide Sequence:	<p>>OriGene 5' read for NM_138961 unedited</p> <pre> ACCATATGTATACGACTCACTATAGGGCGGCCGGAATCGGCACGAGGGCCCTGGGTGTC AGCGGCTCGGCTCCCGCGCACGCTCCGGCCGTCGCGCAGCCTCGGCACCTGCAGGTCCGT GCGTCCCGCGGCTGGCGCCCTGACTCCGTCCCGGCCAGGGAGGGCCATGATTTCCCTCC CGGGGCCCTGGTGACCAACTTGTGCGGTTTTTGTTCCTGGGGCTGAGTGCCCTCGCGC CCCCCTCGGGGCCAGCTGCATCTGCACTTCCCGCCAACCGGTTGCAGGCGGTGGAGG GAGGGGAAGTGGTGCTTCCAGCGTGGTACACCTTGCACGGGGAGGTGTCTTCATCCCAGC CATGGGAGGTGCCCTTTGTGATGTGTTCTTCAAACAGAAAAGAAAGGAGGATCAGGTGT TGTCTACATCAATGGGGTCACAACAAGCAAACCTGGAGTATCCTTGGTCTACTCCATGC CCTCCCGAACCTGTCCCTGCGGCTGGAGGGTCTCCAGGAGAAAGACTCTGGCCCTACA GCTGCTCCGTGAATGTGCAAGACAAACAAGGCAAATCTAGGGGCCACAGCATCAAACCT TAAAACTCAATGTACTGGTTCTCCAGCTCCTCCATCCTGCCGTCTCCAGGGTGTCCCC ATGTGGGGCAAACGTGACCCTGAGCTGCCAGTCTCCAGGAGTAAGCCCGCTGTCCAATA CCAGTGGGATCGGAGCTTCCATCCTTCCAGGACTTCTTGACCAGCATTAGATGTCATC CGTGGGTCTTAAAGCCTACCAACCTTTCGTCNTCCCCTGCTGGAGTCTATGTCTGCAAG GCCCCACATTGAGGTGGGCACTTGCCCATAGTATGTGACGCTGGAAGTGAGCACAGTCAN TGAGGGGGCCTGCACCTGCATGGTTGCTGNAGCTGTTGTGGTACCCTGTTGACT </pre>
3' Read Nucleotide Sequence:	<p>>OriGene 3' read for NM_138961 unedited</p> <pre> TGTACCGCGNGCCGAATCTANAGTCGAGTTTTTTTTTTTTTTTTTTTTTTTACATACAAAC ATTATGTATCTTTATTTAAATTTGCAAATGAAAACAACACATATTTTCATGTTAGTTTTAA TAAGAGATTCCCTATCCTCTGCCCCAGTAAAACCTAACCAAGCCAGCCTGACAGGTTATA TCAATACAGGGAGCTGGAGTGGGAGCCAAGGGTGGTGTAGATAGGGGTGGGTACAGAT CAAGGGGGCCTGGGAGACTCAGTACTGGAAGTCTCTGCCCTCACTCTTGGTGAGCAGC TAATTCAGCAGCTGGCTTCATAAGGAGGAGCCAGGGGTGGCCGAGGTTCTCCCACTT CCGATCCACTCCCTCTTCTCTTCTGTTCTTCCGACACTTAGCTCTTACTGCGACGGCTT TTCCCCAGACACGAGAGCCGGCGCCATTTCCCTATTCCCCCCCACCCGGATTTTTTTCTA TCCCTCCCCCCCCCGCCCTCCCTCCTCCTTCCCTGCATCGGTACCTCTCCCCCCCC TCCCTCCCATCGTCTGCTTTCCTTCCCTCCTTCCCTCATCCCCATCTTCCCCTTTATCG TCCATCTAATTTCCCCGCCCTTTCCCGCCTTACGCCGACCGATTACATCTTATCAGCA CCCCCGTTCCCCCCCCTTCCCCCCCCCTTCCCTATCTCTTCCATTTCCCTTCCCCCCTT CCCTTTTACTTCTCCCCCCTCCCCCTTCCCCCCTTCCCCCCTTCTTACCCTT CTTCGTTTTTCTCACTCTCTCCCCCAATATTCTTCCCCCAATTTCCCTCCCATCCC TCTCCGCTCTTTTTCTTCCCCCCCCCTTCCCGTTCTTTTCTCTTCCATCCATCGC CCCCTTCCCCCTTCCCTCTCCCCTTCCGCCCTCTCCTATCCCCCATCTTCGANACCT CCATCCTTCCCCCTCCCTCCCTTTTCCCGCTCCG </pre>
Restriction Sites:	ECoRI-NOT
ACCN:	NM_138961
Insert Size:	1890 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_138961.1</u> , <u>NP_620411.1</u>
RefSeq Size:	1838 bp
RefSeq ORF:	1173 bp
Locus ID:	90952
UniProt ID:	<u>Q96AP7</u>
Cytogenetics:	11q24.2
Domains:	ig, IGc2, IG
Protein Families:	Druggable Genome, Transmembrane
Protein Pathways:	Cell adhesion molecules (CAMs), Leukocyte transendothelial migration
Gene Summary:	Can mediate aggregation most likely through a homophilic molecular interaction. [UniProtKB/Swiss-Prot Function]