

## Product datasheet for **RG203885**

### ESAM (NM\_138961) Human Tagged ORF Clone

#### Product data:

Product Type:	Expression Plasmids
Product Name:	ESAM (NM_138961) Human Tagged ORF Clone
Tag:	TurboGFP
Symbol:	ESAM
Synonyms:	W117m
Mammalian Cell Selection:	Neomycin
Vector:	pCMV6-AC-GFP (PS100010)
E. coli Selection:	Ampicillin (100 ug/mL)
ORF Nucleotide Sequence:	>RG203885 representing NM_138961 Red=Cloning site Blue=ORF Green=Tags(s)

TTTTGTAATACGACTCACTATAGGGCGCCGGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC  
GCC**CGATCGCC**

ATGATTTCCCTCCCGGGGCCCTGGTGACCAACTGCTGCGGTTTTTGTTCCTGGGGCTGAGTGCCTCG  
CGCCCCCTCGCGGGCCAGCTGCAACTGCACTGCCCGCAACCGTTGCAGGCGGTGGAGGGAGGGGA  
AGTGGTGTCTCCAGCGTGGTACACCTTGCACGGGAGGTGTCTTCATCCCAGCCATGGGAGGTGCCCTTT  
GTGATGTGGTTCTTCAAACAGAAAAGAAAGGAGGATCAGGTGTTGTCTACATCAATGGGTCCAAACAA  
GCAAACCTGGAGTATCCTTGGTCTACTCCATGCCCTCCCGAACCTGTCCCTGCGGCTGGAGGGTCTCCA  
GGAGAAAGACTCTGGCCCTACAGCTGCTCCGTGAATGTGCAAGACAAACAAGGCAAATCTAGGGGCCAC  
AGCATCAAAACCTTAGAACTCAATGTAAGTCTCCAGCTCCTCCATCCTGCCGTCTCCAGGGTGTGC  
CCCATGTGGGGGCAAACGTGACCCTGAGCTGCCAGTCTCCAAGGAGTAAGCCCGCTGTCCAATACCAAGT  
GGATCGGCAGCTTCCATCCTTCCAGACTTTCTTTGACCAGCATTAGATGTCATCCGTGGGTCTTTAAGC  
CTCACCAACCTTTTCGTCTCCATGGCTGGAGTCTATGTCTGCAAGGCCACAATGAGGTGGGCACTGCC  
AATGTAATGTGACGCTGGAAGTGACACAGGGCCTGGAGCTGCAGTGGTGTCTGGAGCTGTTGTGGGTAC  
CCTGGTTGGACTGGGTTGTGGCTGGCTGGTCTCTTGTACCACCGCCGGGGCAAGCCCTGGAGGAG  
CCAGCCAAATGATCAAGGAGGATGCCATTGCTCCCGGACCCTGCCCTGGCCCAAGAGCTCAGACACAA  
TCTCCAAGAATGGGACCCTTTCCTCTGTACCTCCGCACGAGCCCTCCGGCCACCCATGGCCCTCCAG  
GCCTGGTGCATTGACCCACGCCCAGTCTCTCCAGCCAGGCCCTGCCCTCACCAAGACTGCCACAGACA  
GATGGGGCCACCCCTCAACCAATATCCCCATCCCTGGTGGGTTTTCTTCTCTGGCTTGGCCGATGG  
GTGCTGTGCCTGTGATGGTGCCTGCCAGAGTCAAGCTGGCTCTCTGGTA

**ACGCGT**ACGCGGCCGCTCGAG - GFP Tag - GTTTAA



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**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\\_138961.3](#)

**RefSeq Size:** 1838 bp

**RefSeq ORF:** 1173 bp

**Locus ID:** 90952

**UniProt ID:** [Q96AP7](#)

**Cytogenetics:** 11q24.2

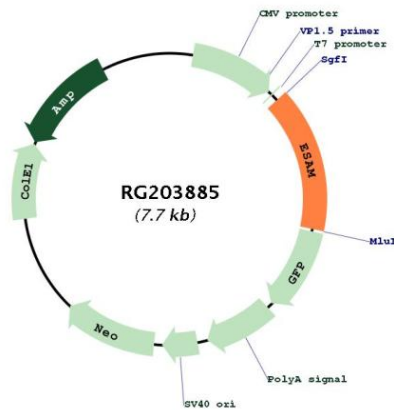
**Domains:** ig, IGc2, IG

**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]

**Product images:**



Circular map for RG203885