

## Product datasheet for **MC223529**

### Elmsan1 (NM\_001163501) Mouse Untagged Clone

#### Product data:

**Product Type:** Expression Plasmids  
**Product Name:** Elmsan1 (NM\_001163501) Mouse Untagged Clone  
**Tag:** Tag Free  
**Symbol:** Elmsan1  
**Synonyms:** 9430029N19Rik; C130039O16Rik; Gm260  
**Vector:** pCMV6-Entry (PS100001)  
**E. coli Selection:** Kanamycin (25 ug/mL)  
**Cell Selection:** Neomycin  
**Fully Sequenced ORF:** >MC223529 representing NM\_001163501  
Red=Cloning site Blue=ORF Orange=Stop codon

TTTTGTAATACGACTCACTATAGGGCGCCGGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC  
GCC**GCGATCGCC**

ATGAACCTCCAGGCCAGTCCAAGGCTCAGAGTAAACGCAAGCGTTGTCCTTTGGGGACCAGGAGCCAG  
CCGCCAAGGAACAGCCACCACCTGCAGAGTCCACCACAGTCCCTCAGAGCTAAGGAGGAACAGTACGG  
GGCCACGAAGGTCCCACAGGGTGGCCACCACCCAGCCTGTGGAGCTGTCTCTCCTAACAACCTG  
GCTCTCCTGAACAGTGTGGTGTATGGATCTGAGAGGACCACGGCAGCCATGTTGTCCAGCAGGCCCAAG  
TAAGCTCGGTAAGTGGCCAGCTCTGTGATGGCTCCAGGGCGGGCCCTGGAACGTGGCGGAGGTGGAGG  
CATCAGTGACAGTGGCTGGCAGCAGCAACCTGGCCAGCCCCACCCCACTCCACGTGGAATCACCTGCC  
CTCTACGGTGGACCCAAAGGGAGCCCTCATCCAGGTGTGGGGTACCTCCCTACTATAACCACCCGGAGG  
CACTGAAGGGGAACAACTGGAGGTCCCAGCTGGATCACTATGGAAACGCAGTGCAGCCCATGGTGCC  
ACAGAAGTGCAGCTGGAGGTGGGGAGGCCCAAGCACCTTGAACCTTTCCATGCAGCCAAGAAACCC  
CCAAACCAGACTGCCCTTGAACCTTCCAGCTGGCATTGGCCACCAGGTGAACCGTCAGTCTTCC  
GGCAGGGCCCTCAGCCCTCAACCCACCGCCTCCTTCCACCTCAGAAGCAGCAGCAACAGCAACC  
GGCAGCCCTGCCCAGATGCAGCTATTTGAGAACTACTACCCATGCATCAACTGCCTTCGCAACAGCAC  
CAGGACTTTGGCCTGGCACCAGGTGGGCCACTGGACAGACCCACCTGGCTCACCGCAGCATGGCCCTT  
ACCCCTTTTCCACAACCCAGATATGAACCCAGAAGTGGCAAGGCTCTCCTGCAGGACCCTGCTTCACA  
GCCCCTGCTACCTCAGCCCCAGATGGCCTTCCACGTCGCTCCCGCCGCTCTCCAAGGAGGGAATTCTG  
CCTTCCAACCTCCGATGGAGCTGGCACCAACCTGGCAGGAGCCCGCAGCAATCTGTTCTTACC  
ACTGCTCTGCCGAGCCACCGCAGGACCCCTGGGCAGCCCCATTCTGAAGCCCTGGGATCCCGTT  
AGAAGTGAAGGAGTACAGATGCTGGCGGATGGGACAGACTGGCACCAATGGTCGGGAGCGGGAGCCT  
CCGCCATGGGTAAAGAGGATCATGAGAGCAGGGGCTCGGGGACTGTGGACAGATGATACGAAGT  
GGGTGATCCAGAGCACAACCGGAGACGAGGGTGTCCCAGGAGGCTAATTTGCTGACCCGGCCAGAA  
GGCAGTGGAGCTGGCCTCTATGCAGGATGCCAATGGCTCTGAGGAGAAGCGGAAAAGCGTGTGGCCACA  
ACTTCCAGGTGTGGCGTGGAGTTTTCCGAGCCTGCCTTAGCCGCAAGAGAGCTCGGGAGGAGTGGGA



TGGTACCCCTCATCATTCTGTGTCTGTTCCCGTGAGGACTGTGGGTCCAAGTGGAGGTTGGCCCAAGTCGG  
 AGGTGCTGACGAGGATGGGACTGGTCTTGAGCAGTACCCACCGAGCACAAGCCGTGAGTCATCGTGACC  
 CGCAGGCGGTCCACCCGAGTTCCCGGGACAGATGCTGCAGCTCAGGCTGAAGACCTGAACGTCAAGTTGG  
 AAGGGGAGCCTTCCATGCGGAAACAAAGCAGCGGCGCGGGCCGAGCCCTCATCATCCCACCAAGGC  
 GGGCACTTTCATCGCCCTCCTGTCTACTCCAACATCACCCCTTACCAGAGCCACCTGCGCTCTCCCGTG  
 CGCCTTGTGACCACCCCTCTGAGCGGAGCTTTGAGCCCCCCTTACACACCACCCCCATTCTCAGCC  
 CCGTCCGGGAAGGCTCTGGCCTCTACTTCAATGCCATCATCAACCAGCAACATCCCAGCCCTCCTCC  
 TATCACGCCAAAGAGTGCCCATCGAACCTGCTCCGCTCTAATAGCTCTGAAGTCACCCCGCTGTCTC  
 TGTGTGATGGGGAGGCCACCCCTGTGAGCATCGAACCAATCAACGTGCGGGACCCGGTTCAGGCAG  
 AAATCCCATGATGAGAGACCGAGCGCTGGCAGCTTTTGACCCCATAAAGGCTGACTTGGTGTGGCAGCC  
 ATGGGAACATCTTGAGAGCAGCTGGGAGAAGCAGAGACAAGTGGATGACCTGCTGACAGCTGCCTGTTCA  
 AGCATTTCCTGGGGCCGGCACCAACCAGGAGCTGGCCCTGCACTATCTGCATGAGTCCCGGGGGACA  
 TCCTGGAGGCGTGAATAAGCTGCTACTGAGGAAGCCCTGCGGCTCACAATCACCCACTGGCGACATA  
 TCACTACACAGGCTCTGACCAGTGAAGACGGCTGAGAGGAAGCTGTTCAACAAGGGCATTGCCATCTAT  
 AAGAAAGATTTCTTCTGTTGTCAGAAAGCTGATCCAGACCAAGACTGTGGCCAGTGCCTGGAATTCTACT  
 ACACCTACAAGAAACAGGTGAAAATCGGCCGCAACGGGACGCTCACCTTCGCGCAGCTGGATATCGGTGA  
 CGAGAAGTCAGGCCAAGAGGAGTTGAGGTGGACGTTAAGACTTCTCAGAAGTCCCAAGGGTGCCTCCT  
 CCCAGAAGAGAGTCCCAGTGAAGAGAGGCTGGAGCCTAAGAGAGAAGTACAGAACCCAGGAAGGAGG  
 GGGAGGAGGAGGTGCCAGACCCAGGAGAAGGGAGAGCAGGAGGAGGGGCGTGAGCGCTGCCGGCGGGC  
 CGCTGCCGTCAAAGCTACACAGACACTACAGGCCAATGAGGCGGCCAATGACGTTCTCATTCTCCGGAGC  
 CATGAGCCCAACGCCCGGGTCTGCAGGTATCCAGACCTCAGAGAAGCCGAGGGAGGGGCCGGGAAGT  
 CCCGAAGGGCACTGCCTTTCACAGAGAAGAAGAAAAAGCCGAGGCATTTAATAAAACCCAGAACCAGGA  
 GAACACCTTCCCTTGTAAGAAAGTGCAGGAGGTTTACAAGGTGAAGAGCCGAGTGCATCACATGAAG  
 AGTCACGCAGAGCAAGAGAAGAAGGCCGAGCTGAGGCTGAAGGAGAAGGAGGCTGCAGCGCCGCCCG  
 CACATCAGCAGGCGCTGAGAGAAGAGAGCGCGAAGGGAGAAGGGCTGA

ACGCGTACGCGGCCGCTCGAGCAGAACTCATCTCAGAAGAGGATCTGGCAGCAATGATATCCTGGATT  
 ACAAGGATGACGACGATAAGGTTTAA

**Restriction Sites:**

SgfI-MluI

**ACCN:**

NM\_001163501

**Insert Size:**

3270 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\\_001163501.1](#), [NP\\_001156973.1](#)

RefSeq Size: 6856 bp  
RefSeq ORF: 3270 bp  
Locus ID: 238317  
Cytogenetics: 12 D1