

Product datasheet for MC208442

Stom (NM_013515) Mouse Untagged Clone

Product data:

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| Product Type: | Expression Plasmids |
| Product Name: | Stom (NM_013515) Mouse Untagged Clone |
| Tag: | Tag Free |
| Symbol: | Stom |
| Synonyms: | Epb7.2 |
| Mammalian Cell Selection: | Neomycin |
| Vector: | pCMV6-Entry (PS100001) |
| E. coli Selection: | Kanamycin (25 ug/mL) |
| Fully Sequenced ORF: | >MC208442 representing NM_013515 Red=Cloning site Blue=ORF Orange=Stop codon |

TTTTGTAATACGACTCACTATAGGGCGCCGGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
GCC**CGATCGCC**

ATGTCTGACAAACGGCAGTCCAGCCATGTCCAGTCTCAGCGGATCCCTGAGTCCTTCAGAGAAAATTCCA
AGACAGAAGCTGGGAGCTTGTGGATGGATTTTGGTGGCTGCCTCGTTCTTTTTCGTAATTATAACCTTCCC
AATATCAATATGGATTTGCATAAAGATTGTAAGAGATGAGAGAGTCATCATCTTTAGACTGGGTCGC
ATTTTGAAGGAGCGCCAAAGGACCAGGTTTGTTTTTATCCTGCCGTGCACTGACAGCCTCATCAAGG
TGGACATGAGGACCATCTCCTTTGACATTCTCCGAGGAGGTCCTCACTAAGGACTCGGTGACAATCAG
TGTGGATGGTGTGGTCTACTACCGTGTTCAGAACGAACCTGGCTGTGGCCAATACACCAATGCAGAT
TCAGCAACCCGTCTTTTGGCACAACCTACCCCTCAGGAATGCGCTGGGCACCAAGAACCTGTCTCAAATCC
TCTCTGACAGAGAAGAGATTGCACACCACATGCAGAGTACGCTGGACGATGCCACGGATGACTGGGGGAT
CAAGGTGGAGCGGGTGGAGATTAAGGACGTGAAGCTGCCAGTGCAGCTCCAGAGAGCCATGGCTGCAGAG
GCAGAAGCCCGCCGGGAGGCTAGGGCAAGGTATTGCAGCTGAAGGGGAAATGAATGCGTCCAGAGCTC
TGAAAGAAGCGTCCATGGTTATCACCGAGTCTCCTGCCGCCCTCAGCTTCGATACCTTCAAACCTGAC
CACTATCGCTGCAGAGAAAACTCCACCATTGTCTTCCCTCTGCCGTCGACATGTTGCAGGGCATCATG
GGTTCTAATCACTGA

ACGCGTACGCGGCCGCTCGAGCAGAAAACCTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT
ACAAGGATGACGACGATAAGGTTTAA

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| Restriction Sites: | Sgfl-MluI |
| ACCN: | NM_013515 |
| Insert Size: | 855 bp |



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| 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: | NM_013515.2 , NP_038543.1 |
| RefSeq Size: | 2816 bp |
| RefSeq ORF: | 855 bp |
| Locus ID: | 13830 |
| UniProt ID: | P54116 |
| Cytogenetics: | 2 23.53 cM |
| Gene Summary: | Regulates ion channel activity and transmembrane ion transport. Regulates ASIC2 and ASIC3 channel activity.[UniProtKB/Swiss-Prot Function] |