

Product datasheet for MC206830

Stom (BC003789) Mouse Untagged Clone

Product data:

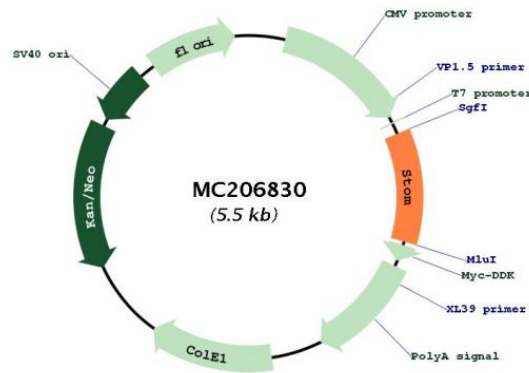
Product Type:	Expression Plasmids
Product Name:	Stom (BC003789) Mouse Untagged Clone
Tag:	Tag Free
Symbol:	Stom
Synonyms:	Epb7.2
Mammalian Cell Selection:	Neomycin
Vector:	pCMV6-Entry (PS100001)
E. coli Selection:	Kanamycin (25 ug/mL)
Fully Sequenced ORF:	>MC206830 representing BC003789. Blue=ORF Red=Cloning site Green=Tag(s)

GCTCGTTTAGTGAACCGTCAGAATTTTGTAAACGACTCACTATAGGGCGCCGGGAATTCGTCGACTG
GATCCGGTACCGAGGAGATCTGCCGCCGCGATCGCC
ATGTCTGACAAACGGCAGTCCAGCCATGTCCAGTCTCAGCGGATCCCTGAGTCCTTCAGAGAAAATTCC
AAGACAGAACTGGGAGCTTGTGGATGGATTTTGGTGGCTGCCTCGTTCTTTTTTCGTAATTATAACCTTC
CCAATATCAATATGGATTTGCATAAAGATTGAAAAGAGTATGAGAGAGTCATCATCTTTAGACTGGGT
CGCATTTTGCAAGGAGGCGCCAAAGGACCAGGTTTGTTTTTATCCTGCCGTGCACTGACAGCCTCATC
AAGGTGGACATGAGGACCATCTCTTTGACATTCTCCGAGGAGTCTCACTAAGGACTCGGTGACA
ATCAGTGTGGATGGTGTGGTCTACTACCGTGTTCAGAACGCAACCCTGGCTGTGGCAATATCACCAAT
GCAGATTCAGCAACCCGCTTTTTGGCACAACTACCCTCAGGAATGCGCTGGGCACCAAGAACCTGTCT
CAAATCCTCAGCACAAAACAGAGACATGTTGGCTTGTAAATAACGAGAGAATGAGATGGCTGGCTTAT
GCACAGTTCTTACTCTTTAAGTTTGCCTTTTTTTCTTAA
ACGCGTACGCGGCCGCTCGAGCAGAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGAT
TACAAGGATGACGACGATAAGGTTTAAACGGCCGGC

Restriction Sites: Sgfl-MluI



[View online »](#)

Plasmid Map:


ACCN: BC003789

Insert Size: 594 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: [BC003789](#)

RefSeq Size: 2191 bp

RefSeq ORF: 593 bp

Locus ID:	13830
Cytogenetics:	2 23.53 cM
MW:	22.2 kDa
Gene Summary:	Regulates ion channel activity and transmembrane ion transport. Regulates ASIC2 and ASIC3 channel activity.[UniProtKB/Swiss-Prot Function]