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GCTTGAACCTGGGAGGCAGAGGTTGCAGTGAGCCGAGATCACACCACTGCACTCTAGCCTGGGTGACTGA
GCAAGACTCTGTCTCC

5' Read Nucleotide Sequence:

>OriGene 5' read for AB007958 unedited
AATTTGTAATACGACTCACTATAGGGCGCCGCGAATTCGGCACGAGGAAAAGTGACAGA
ATGAAAAGTTGAGCCACTGGCCTGGCAGTAGCACTGATCAGAGCTCCAGCTTAACAGGCA
GGGTGGAGGGGATGGCCCTATGGAAGAGCAGTGTGTTGCCCTCAGTTTCCTTATCTGTA
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AGCAAAGTCTATGCCACTGCCTCCACTCCTACTCAGTCCCCACTTGCCACATGTGTG
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GATTTCAATGCCGCAAGTGTGAGAGCCTTCAGTGCAAAGGTGAGCCCCAGCCGCTCTCC
CATAGCAGGGAGCTCTATACCTCCAAGTGACAGTCAACCTTTGCTGCTGACCCTGAGGA
CATCTGCTGGTAAGCTCCTACACCAAGGAGAGGTGGGAGAGAGGCCTGGTTCTGGTGG
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CTGCAATTCTGTGGGCTGGGAAGCTGTGATGTGCCTCGGGTGGCCCCACTGGGGTATCTG
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AAATTAATTTTATAATGTTTCTCCCCAAATATCCAAGTGT

Restriction Sites:

NotI-NotI

ACCN:

AB007958

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:

[AB007958.1](#)

RefSeq Size:

5406 bp

RefSeq ORF:

5406 bp

Locus ID:

9725

Cytogenetics:

1q42.12

Protein Families:

Transmembrane

Gene Summary:

Acts as an osmosensitive calcium-permeable cation channel.[UniProtKB/Swiss-Prot Function]