

Product datasheet for RC236091

C1orf223 (TEX38) (NM_001300863) Human Tagged ORF Clone

Product data:

Product Type: Expression Plasmids
Product Name: C1orf223 (TEX38) (NM_001300863) Human Tagged ORF Clone
Tag: Myc-DDK
Symbol: C1orf223
Synonyms: ATPAF1-AS1; C1orf223; THEG4
Mammalian Cell Selection: Neomycin
Vector: pCMV6-Entry (PS100001)
E. coli Selection: Kanamycin (25 ug/mL)
ORF Nucleotide Sequence: >RC236091 representing NM_001300863
 Red=Cloning site Blue=ORF Green=Tags(s)

TTTTGTATACGACTCACTATAGGGCGGCCGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
 GCC**CGCATCGCC**

ATGAGAGCTGCCACATTCACCTACAGCCCATTTGTTGTAAGGCTGATTAACAAGCGACGGCGCTACGGCATGA
 ATGCAGCCATCAACACGGGCCCTGCCCTGCTGTACCAAGACTGAGACTGAGGTCCAGAATCCAGATGT
 TCTGTGGGATTTGGACATCCCCAAGGCAGGAGCCATGCTGACCAAGACAGCAACCCCAAGGCGGAAGCC
 CCTGCTCCCTGCAACCTGCACTGCAGCTGGCTCCACAGCAGCCCGAGGCCAGATCCCCATTCCCACTTC
 CCATCTTTCAAGAGGTGCCCTTTGCCCAACCTTGTGCAACCTACCCCTGCTGAACCACTCTGTCTC
 CTATCCTTTGGCCACCTGTCTGAAAGGAATGTTCTCTTCCATTCCTCCTGAATCTGGCCAGGAAGAC
 CATAGCTTCAATGCCAAGCCTTTTCCTCAGAAGT

ACGCGTACGCGGCCGCTCGAGCAGAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT
 ACAAGGATGACGACGATAAGGTTTAA

Protein Sequence: >RC236091 representing NM_001300863
 Red=Cloning site Green=Tags(s)
 MRAATFTYSPLLYWINKRRRYGMNAAINTGPAPAVTKTETEVQNPDLWLDIPEGRSHADQDSNPKEAE
 PAPLQPALQLAPQPQARSFPLPIFQEVFPAPPLCNLPPLNHSVSYPATCPERNVLFHSLNLNAQED
 HSFNAKPFPSL

TRTRPLEQKLISEEDLAANDILDYKDDDDKV

Restriction Sites: SgfI-MluI



Cloning Scheme:



ACCN: NM_001300863

ORF Size: 456 bp

OTI Disclaimer: The molecular sequence of this clone aligns with the gene accession number as a point of reference only. However, individual transcript sequences of the same gene can differ through naturally occurring variations (e.g. polymorphisms), each with its own valid existence. This clone is substantially in agreement with the reference, but a complete review of all prevailing variants is recommended prior to use. [More info](#)

OTI Annotation: This clone was engineered to express the complete ORF with an expression tag. Expression varies depending on the nature of the gene.

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.

Note: Plasmids are not sterile. For experiments where strict sterility is required, filtration with 0.22um filter is required.

RefSeq: [NM_001300863.2](#)

RefSeq Size: 795 bp

RefSeq ORF: 459 bp

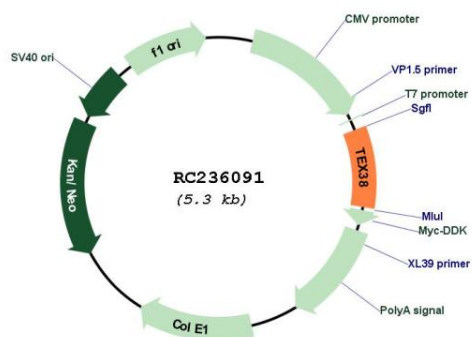
Locus ID: 374973

Cytogenetics: 1p33

Protein Families: Transmembrane

MW: 17.4 kDa

Product images:



Circular map for RC236091