

Product datasheet for RC231037

C1orf93 (FAM213B) (NM_001195741) Human Tagged ORF Clone

Product data:

Product Type: Expression Plasmids
Product Name: C1orf93 (FAM213B) (NM_001195741) Human Tagged ORF Clone
Tag: Myc-DDK
Symbol: C1orf93
Synonyms: C1orf93; FAM213B
Mammalian Cell Selection: Neomycin
Vector: pCMV6-Entry (PS100001)
E. coli Selection: Kanamycin (25 ug/mL)
ORF Nucleotide Sequence: >RC231037 representing NM_001195741
 Red=Cloning site Blue=ORF Green=Tags(s)

TTTTGTAATACGACTCACTATAGGGCGGCCGGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
 GCC**CGATCGCC**

ATGAGCCGGGAGCGGGGATCCAGGAGCGAGGAGCCGGGAGCGGGGAACAGGGAGTCGGGGAGCCGGGAAC
 CAGGGCTGGCAGCGCCGCCATGAGCACGGTGGACCTTGCTCGCGTGGGCGGTGCATCTGAAGCATGC
 GGTGACCGGGAGGCCGTGGAGCTGCGGAGCCTGTGGCGGAGCACGCGTGCCTGGTGGCCGGGCTCGG
 CGTTCGGGTGCGTGGTGTGCCCTGGATCGCCAGGACCTCAGCAGCCTTGCTGGGCTCCTGGACCAAC
 ACGGCGTGCCTGGTGGCGTAGGGCCGAGGCCCTGGGTCTGCAGGAGTTCCTGGACGGCGACTACTT
 CGCGGGAGAGCTCTACCTGGATGAGAGCAAGCAGCTTTACAAGGAGCTAGGCTTCAAGCGGTACAACAGC
 CTGAGCATCTCCAGCAGCTCTGGGAAGCCCGTGCCTGATGTGGCTGCCAAGTCCCCAGGCGACTACG
 TCCCAAGGAGCACATCTGCAGGCTCTGGGCATCTCTGCGGAGGTCTGTGCCAGCGACCCGCTCAGTG
 TGACAGAGAGGTG

AG**CGGACCG**ACGCGTACGCGCCGCTCGAGCAGAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCC
 TGGATTACAAGGATGACGACGATAAGGTTTAA

Protein Sequence: >RC231037 representing NM_001195741
 Red=Cloning site Green=Tags(s)

MSRERGSRSEEPGAGNRESGSREPGLAAAAMSTVDLARVACILKHAVTGEAVELRSLWREHACVVAGLR
 RFGCVCRWIAQDLSSLAGLLDQHGVRVLVGVGPEALGLQEFLDGDYFAGELYLDESKQLYKELGFKRYNS
 LSILPAALGKPVVDVAAKSPGDYVPKEHILQVLGISAIEVCASDPPQCDREV

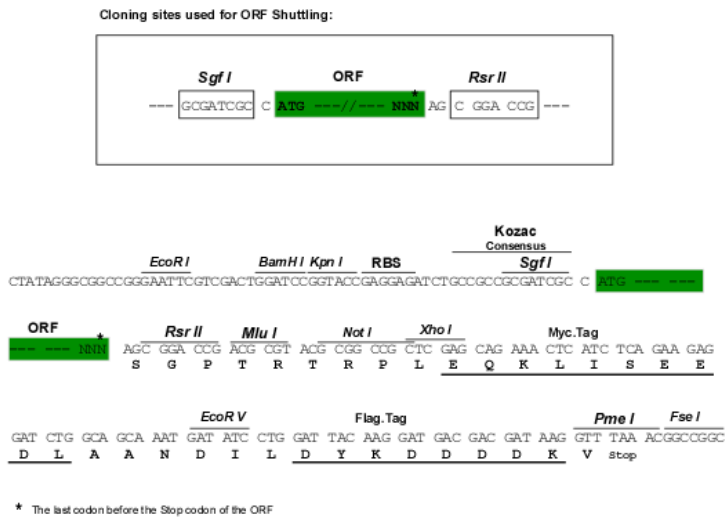
SGPTRRRRLEQKLI SEEDLAANDILDYKDDDDKV



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Restriction Sites: SgfI-RsrII

Cloning Scheme:



ACCN: NM_001195741

ORF Size: 573 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.

RefSeq: [NM_001195741.1](#), [NP_001182670.3](#)

RefSeq ORF: 486 bp

Locus ID: 127281

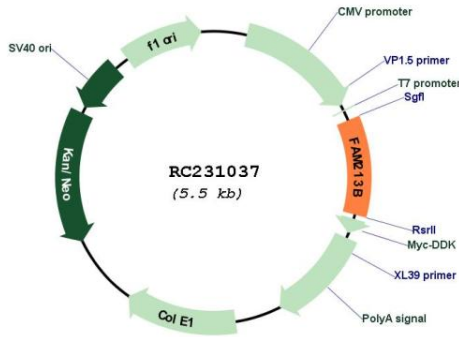
UniProt ID: [Q8TBF2](#)

Cytogenetics: 1p36.32

MW: 21 kDa

Gene Summary: Catalyzes the reduction of prostaglandin-ethanolamide H(2) (prostamide H(2)) to prostamide F(2alpha) with NADPH as proton donor. Also able to reduce prostaglandin H(2) to prostaglandin F(2alpha) (By similarity).[UniProtKB/Swiss-Prot Function]

Product images:



Circular map for RC231037