

Product datasheet for **RG236746**

C12orf43 (NM_001286197) Human Tagged ORF Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	C12orf43 (NM_001286197) Human Tagged ORF Clone
Tag:	TurboGFP
Symbol:	C12orf43
Synonyms:	Custos
Mammalian Cell Selection:	Neomycin
Vector:	pCMV6-AC-GFP (PS100010)
E. coli Selection:	Ampicillin (100 ug/mL)
ORF Nucleotide Sequence:	>RG236746 representing NM_001286197. Blue=ORF Red=Cloning site Green=Tag(s)

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GCTCGTTTAGTGAACCGTCAGAATTTTGTAAACGACTCACTATAGGGCGGCCGGGAATTCGTCGACTG
GATCCGGTACCGAGGAGATCTGCCGCCGCGATCGCC
ATGGCGGCGCCAGTGGCACAGTGAGCGATTCGGAAAGTAGTAACAGCAGTAGCGATGCGGAGGAGCTG
GAGCGGTGCCGCGAGGCGCAATGCCGGCTTGGGGCTTGGAGCAACGCCCGCACGTGGCAGGGAAGCCA
AGAGCCGGTGCTGCAAAATAGCCAGTTGTCAACCTCCCAACCGAGCCTCAGCTTCATTACCATCTCAGAA
GCAGCAAAGGAGCCAGCAAAAGCTAAGGTACAGAAAGTCGCTTTGGAGGATGATGGTTTCCGCCTTTTC
TTCACATCTGTCCCTGGAGGCCGTGAGAAGGAAGAGTCTCCCAACCCCGCGAAAGCGACAGCCCTCC
AGCTCCAGCAGTGAGGACAGTGACGAGGAGTGGCGGCGGTGCCGGGAGGCAGCTGTGTCGGCGTCCGAC
ATCTACAGGAGTCAGCCATCCACAGCCCTGGAACAGTGGAGAAGGAGGCAAGAAGAAAAGGAAGTTG
AAAAAGAAAGCCAAGAAGGTGGCCAGTGTGCGACTCGGCTGTGCGTGCACACCCACCAGCATGGCC
ACAGTCCAGAAGCAGAAGTCAGGTGAGCTCAACGGGGACCAAGGTGTCGCTTGGACCAAAAAGAAGAAA
AAGGCAAAGAAGGCCAGCGAGACCTCTCCATCCACCAGCAAAGAGTGTACAGCTATACCTGCAAAAC
ACGCGTACGCGGCCGCTCGAG - GFP Tag - GTTTAAAC
```



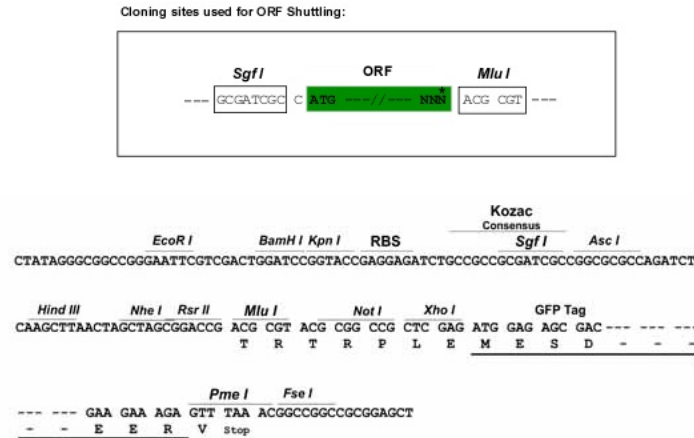
[View online »](#)

Protein Sequence: >Peptide sequence encoded by RG236746
 Blue=ORF Red=Cloning site Green=Tag(s)

MAAPSGTVSDSESSNSSDAEELERCREAAMPWGLEQRPHVAGKPRAGAANSQLSTSQP SLSFITISE
 AAKEPAKAKVQKVALEDDGFRLLFFTSVPGGREKEESPQRRKRQPS SSSSEDSDEEWRRCREAAVSASD
 ILQESA IHSPGTVEKEAKKKRKLKKKAKKVASVDSAVAATTPTSMATVQKQKSGELNGDQVSLGT KKKK
 KAKKASETSPFPKASATAIPAN
 TRTRPLEMESDESGLPAMEIECRITGTLNGVEFELVGGEGTPEQGRMTNKMSTKGALTFSPYLLSHV
 MGYGFYHFGTYPSGYENPFLHAINNGGYNTRIEKYEDGGVLHVSFSYRYEAGRVI GDFKVMGTGFPE
 SVIFTDKIIRS NATVEHLHPMGDNDLDGSFTRTFSLRDGGYSSVVD SHMHFKSAIHPSILQNGGPMFA
 FRRVEEDHSNTELGIVEYQHAFKTPDADAGEERV

Restriction Sites: SgfI-MluI

Cloning Scheme:



ACCN: NM_001286197

ORF Size: 690 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).

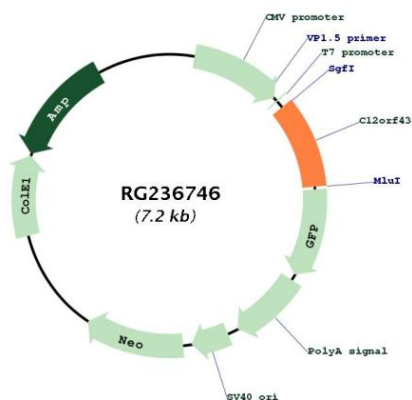
RefSeq: [NM_001286197.2](#)

RefSeq Size: 2452 bp

RefSeq ORF: 693 bp

Locus ID:	64897
UniProt ID:	Q96C57
Cytogenetics:	12q24.31
MW:	24.9 kDa
Gene Summary:	Plays a role in the regulation of Wnt signaling pathway during early development. [UniProtKB/Swiss-Prot Function]

Product images:



Circular map for RG236746