

## Product datasheet for **RG236654**

### **C1orf43 (NM\_001297718) Human Tagged ORF Clone**

#### Product data:

Product Type:	Expression Plasmids
Product Name:	C1orf43 (NM_001297718) Human Tagged ORF Clone
Tag:	TurboGFP
Symbol:	C1orf43
Synonyms:	HSPC012; NICE-3; NICE3; NS5ATP4; S863-3
Mammalian Cell Selection:	Neomycin
Vector:	pCMV6-AC-GFP (PS100010)
E. coli Selection:	Ampicillin (100 ug/mL)
ORF Nucleotide Sequence:	>RG236654 representing NM_001297718. Blue=ORF Red=Cloning site Green=Tag(s)

```
GCTCGTTTAGTGAACCGTCAGAATTTTGTAAACGACTCACTATAGGGCGCCGGGAATTCGTCGACTG
GATCCGGTACCGAGGAGATCTGCCGCCGCGATCGCC
ATGCGCTTTGCAATGAAATCTCGAAGGGGACCTCATGTCCCTGTGGGACACAATGCCCCCAAGGACTTG
AAAGAGGAGATTGATATTCGACTCTCCAGGGTTCAGGATATCAAGTATGAGCCCCAGCTCCTTGAGAT
GATGATGCTAGACTACTACAACGGAAACCCAGGGAAATCAAAGTTGCTACAACATCTGTATAGGATG
AAAGCTCTGGATGCCATTCTGACCTCTGAGATCCCATTTTCATTCTGAAGCCGGCATCCCCGTTCTTA
ATGGGCAAGAATTTCCGCTCCTACCTGCTGGATCTGCGAAACACTAGTACGCCTTTCAAGGGTGTACGC
AAAGCACTCATTGATACCCTTTTGGATGGCTATGAAACAGCCCGCTATGGGACAGGGGTCTTTGGCCAG
AATGAGTACCTACGCTATCAGGAGGCCCTGAGTGAGCTGGCCACTGCGGTTAAAGCACGAATTGGGAGC
TCTCAGCGACATCACCAGTCAGCAGCAAAGACCTAACTCAGTCCCTGAGGTCTCCCCAACCAACATC
CAGGTGACATACCTCCCCTCCAGTCAGAAGAGTAAACGTGCCAAGCACTTCTTGAATTGAAGAGCTTT
AAGGATAACTATAACACATTGGAGAGTACTCTG
ACGCGTACGCGGCCGCTCGAG - GFP Tag - GTTAAAC
```



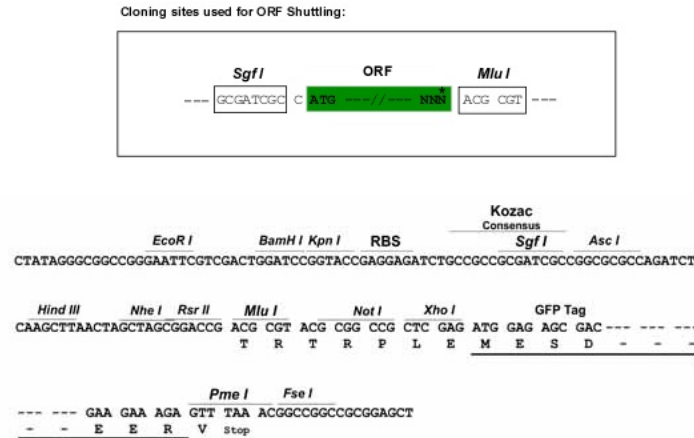
[View online »](#)

**Protein Sequence:** >Peptide sequence encoded by RG236654  
 Blue=ORF Red=Cloning site Green=Tag(s)

MRFAMKSRRGPHVPVGHNAPKDLKEEIDIRLSRVQDIKYEPQLLADDDARLLQLETQGNQSCYNYLYRM  
 KALDAIRTSEIPFHSEGRHPRSLMGKNFRSYLLDLRNTSTPFKGVKALIDTLDDGYETARYGTGVFGQ  
 NEYLRVQEALSELATAVKARIGSSQRHHQSAAKDLTQSPEVSPPTIQVTYLPSSQKSKRAKHFLKLSF  
 KDNYNLTLESTL  
 TRTRPLEMESDESGLPAMEIECRITGTLNGVEFELVGGEGTPEQGRMTNKMSTKGALTFSPYLLSHV  
 MGYGFYHFGTYPSGYENPFLHAINNGGYNTRIEKYEDGGVLHVSFSYRYEAGRVIGDFKVMGTGFPED  
 SVIFTDKIIRSNAIVEHLHPMGDNDLDGSFTRTFSLRDGGYSSVVDSHMHFKSAIHPSILQNGGPMFA  
 FRRVEEDHSNTELGIVEYQHAFKTPDADAGEERV

**Restriction Sites:** SgfI-MluI

**Cloning Scheme:**



**ACCN:** NM\_001297718

**ORF Size:** 654 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).

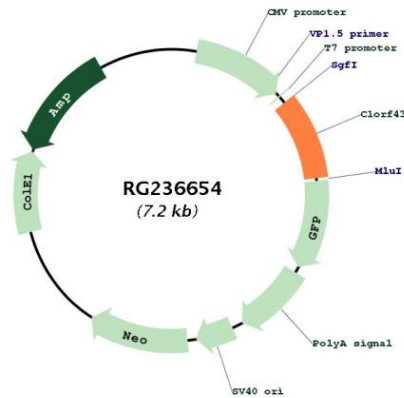
**RefSeq:** [NM\\_001297718.2](#)

**RefSeq Size:** 1827 bp

**RefSeq ORF:** 657 bp

**Locus ID:** 25912  
**UniProt ID:** [Q9BWL3](#)  
**Cytogenetics:** 1q21.3  
**Protein Families:** Transmembrane  
**MW:** 25.4 kDa  
**Gene Summary:** General regulator of phagocytosis. Required to uptake Gram negative bacterium by macrophages.[UniProtKB/Swiss-Prot Function]

**Product images:**



Circular map for RG236654