

Product datasheet for **RG236788**

C1orf43 (NM_001297720) Human Tagged ORF Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	C1orf43 (NM_001297720) 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:	>RG236788 representing NM_001297720. Blue=ORF Red=Cloning site Green=Tag(s)

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GCTCGTTTAGTGAACCGTCAGAATTTTGTAAACGACTCACTATAGGGCGCCGGGAATTCGTCGACTG
GATCCGGTACCGAGGAGATCTGCCGCCGCGATCGCC
ATGGCGTCCGGCAGTAACTGGCTCTCCGGGGTGAATGTCGTGCTGGTGATGGCCTACGGGAGCCTGGTG
TTTGTACTGCTATTTATTTTGTGAAGAGGCAAATCATGCGCTTTGCAATGAAATCTCGAAGGGGACCT
CATGTCCCTGTGGGACACAATGCCCCCAAGGACTTGAAGAGGAGATTGATATTCGACTCTCCAGGGTT
CAGGATATCAAGTATGAGCCCCAGCTCCTTGCAGATGATGCTAGACTACTACAAGTAAAGCCAG
GGAAATCAAAGATCCCATTCTGAAGCCGGCATCCCCGTTCTTAATGGCAAGAATTTCCGC
TCCTACCTGCTGGATCTGCGAAACTAGTACGCCTTTCAAGGGTGTACGCAAAGCACTCATTGATACC
CTTTTGGATGGCTATGAAACAGCCCGCTATGGGACAGGGGTCTTTGGCCAGAATGAGTACCTACGCTAT
CAGGAGGCCCTGAGTGAAGCTGGCCACTGCGGTTAAAGCACGAATTGGGAGCTCTCAGCGACATCACCAG
TCAGCAGCCAAAGACCTAACTCAGTCCCCTGAGGTCTCCCAACAACCATCCAGGTGACATACCTCCCC
TCCAGTCAGAAGAGTAAACGTGCCAAGCACTTCTTGAATTGAAGAGCTTTAAGGATAACTATAACACA
TTGGAGAGTACTCTG
ACGCGTACGCGGCCGCTCGAG - GFP Tag - GTTTAAAC
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Protein Sequence: >Peptide sequence encoded by RG236788
 Blue=ORF Red=Cloning site Green=Tag(s)

MASGSNWLSGVNVVLVMAYGSLVFVLLFIFVKRQIMRFAMKSRRGPHVPVGHNAPKDLKEEIDIRLSRV
 QDIKYEPQLLADDDARLLQLETQGNQKIPFHSEGRHPRSLMGKNFRSYLLDLRNTSTPFKGVKALIDT
 LLDGYETARYGTGVFGQNEYLRYQEALSELATAVKARIGSSQRHHQSAAKDLTQSPVEVSPTTIQVTYLP
 SSQKSKRAKHFLLELKSFKDNYNTLESTL
 TRTRPLEMESDESGLPAMEIECRITGTLNGVEFELVGGGEGTPEQGRMTNKMSTKGALTFSPYLLSHV
 MGYGFYHFGTYPSGYENPFLHAINNGGYTNTRIEKYEDGGVLHVSFSYRYEAGRVIGDFKVMGTGFPED
 SVIFTDKIIRSNAIVEHLHPMGDNDLDGSFTRTFSLRDGGYSSVVDSHMHFKSAIHPSILQNGGPMFA
 FRRVEEDHSNTELGIVEYQHAFKTPDADAGEERV

Restriction Sites: SgfI-MluI

Cloning Scheme:



ACCN: NM_001297720

ORF Size: 705 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).

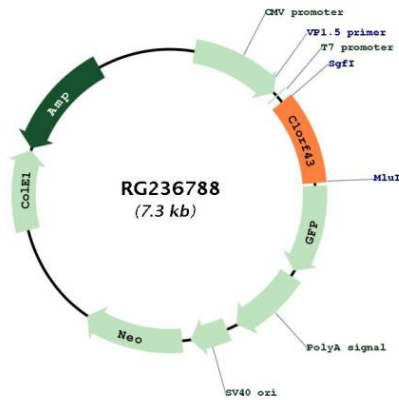
RefSeq: [NM_001297720.2](#)

RefSeq Size: 1850 bp

RefSeq ORF: 708 bp

Locus ID: 25912
UniProt ID: [Q9BWL3](#)
Cytogenetics: 1q21.3
Protein Families: Transmembrane
MW: 27.1 kDa
Gene Summary: General regulator of phagocytosis. Required to uptake Gram negative bacterium by macrophages.[UniProtKB/Swiss-Prot Function]

Product images:



Circular map for RG236788