

Product datasheet for **RG230425**

C18orf63 (NM_001174123) Human Tagged ORF Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	C18orf63 (NM_001174123) Human Tagged ORF Clone
Tag:	TurboGFP
Symbol:	C18orf63
Synonyms:	DKFZP781G0119
Mammalian Cell Selection:	Neomycin
Vector:	pCMV6-AC-GFP (PS100010)
E. coli Selection:	Ampicillin (100 ug/mL)



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**ORF Nucleotide
Sequence:**

>RG230425 representing NM_001174123
 Red=Cloning site Blue=ORF Green=Tags(s)

TTTTGTAATACGACTCACTATAGGGCGGCCGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
 GCC**CGCATCGCC**

ATGAATGATTCTAGGCAGCAGTCTCTGTTCTTCATCACACTTCCAGATTTAAACAAACTCTGTGCTGTCA
 GAATAATACTGAGTAATAAGGTGGCAGATACTGAGATTAGGACTATACAAATGAAGATGTGCAGGCAATT
 GCTGTTTTTGCATCAAGATATTCTTACATCACCTGTGTCTGGAATATTAAACCAATCTGGGTGGTGATG
 GCGATACCATTTTATAAAGCAAGAAAACCTAATGCCTATGTTGAAAAATATGGAGCTAAGATGGAGGCTC
 CACAAAGAGTAATTCCTGTAATTCTTCAGAACTGCCTGTCATATTCATTCATGGCTAGACTTGCTCCAGC
 CTGGAATAGAAGTGGTCATCTCTTGATACAAGGAAGAGATTTCTTTCTCAGATGGGAAAACAAAGTGCT
 GTTGATTAAACATCAATGTAACAGAACTCAAGTTTGTCTAAGTATAGAAGCTTGACAATCAGACTGC
 CAGCACCTGAGCTAAAAGAGTTTGAGATTTCCAGAGTATTATAAAGGATTTTCATGCTAACAAGCATGC
 TGTCAATTGAGAGACATTCCATTTTAAGCAACTGGTGCTACGTTTTGCCAAGTATGAAAATGGGACAAATT
 ATAAATATTTTTCATGCCATCCCGCTGCCTGTCTTTTCACTCATATGGAGATTTCCAGAGACACTGGG
 ATGCCCTGTATGGCTATAAACTTCCAGGTGATTGTGAAAAAATTTAAATATACTGCAACATCTATTTCAA
 AATGCTCGGAGAAAGGACCTTCACATATCCTCTCAGTTGCATCAGAACTCAGCCCATGCAGTTCTTTCCA
 AGGGTAGATTCGGAAGTTGTGTTGAAAAGTTTCTTTTCAGATTTAAATCTAACTGCCCATATATGTG
 GATTTCCCATAAAGATGACAAGTAAACCATGCTACTACACACAAGAACTAACTAACTAATATACAGGA
 ACACAAAGTCAAGCCACCCAATTTGACCACTAAAAATGCTTAGGGCATCTCTGACTCAAGCCACTTCC
 AGAAAGCTGCCTGTGCTCAAAGTCTTCTACCATGTTCAAGTGGAGTGGAGCTTTGAGTGGAGCTTTGAG
 TCAGCCAGCCAACATCAGGCATTTTCTCAGCTTTGCATCTCCAGCCAGAGTCTGTTCAAGGTAGAAAGAA
 ATCCCTGTCTATCAGGGCTCCACAAGTACATTGAGAAATTAATGCCCAACAGAGGAAATACTCAAGTT
 CAGCACACAAATCTTAGCTCCCAAGCAACATCACCCCTAAGTTTGTACCAAGTTTCAAAAATAGATTGT
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 TATAGTAGTAACATTGAGATGCAGGCTGCTAACAATTTAAATCAGGAGAATTCAGACCTCTGCAAGAAA
 AAAATACAGAGTCTTCTGAAAAATGACAAAAATTTCCCTCTTCTCGTGGAAAAATCGACTGTGAGTTTAA
 CAAAAAAGCAACTATCTAATAGTGCAGTATTTGTGGTGTCAAATAACAATTTAGGGGTGGTAAAAAGT
 GCTGTTGACTTCCAAATGAAAGGAAAAGAAAATTTAACAGGCAAAGGTATAACACAAATTTTAGGGAAA
 GCCATGGGTCACTAAACTGAAAAGACAGCCACACATTTTGAATCAGATGGAGAAACCGAAGATCCACG
 ACTGCTACAGCAGCAATCAGAAAATCAAGCTAAAGAAGTTGGTACAAGTGACCACAGGTTGATAGTAAGC
 AAAATAGCCACAGGTCTAAAAGAAAATATGTCCAGAGTCTTCCAAACTTCAAAGAAGCATATTCCG
 ATACTGTGCACTATGGCCAATCCAGTTCTTCTAAGAAGCAGATACTTGACTCGGATAAATCAAACTTAA
 GAAATCTCTCATTCATTCATAATGCT

ACGCGTACGCGGCGGCTCGAG – GFP Tag – GTTTAA

Protein Sequence: >RG230425 representing NM_001174123
Red=Cloning site Green=Tags(s)

MNDSRQQSLFFITLPDLNKLCAVRIILSNKVADTEIRTIQMKMCRQLFLHQDILTSPVSGILNQIWVVM
AIPFYKARKLNAYVEKYGAKMEAPQRPVILQNCLSYSFMARLAPAWNRTGHLIIQGRDFLSQMGKQSA
VVLNINVTETQVCLSI EACTIRLPAPELKEFEISQSIKDFHANKHAVIERHSILSNWCYVLP SMKMGQI
INIFHAIPAACPFHSGYDFQRHWDALYGYKLPGDCGKIKIYCNIFYKMLGERTFTTYPLSCIRSQPMQFFP
RVDSEVVLKSFLSDLKSKLPHICGFP IKMTSKPCYYTQELTKPNIQE HKVKPPNLTTKMLRASLTQATS
RKPACAQSLLPSCVAVDHKVELSVSQTSGIFSALHLQPESVQGRKKSLSIRAPQVHSEVLPNPRGNTQV
QHTNLSSQSNITPKFVPVFNRLQMNKNTSVLGSPKRQKQHDVTQSKLFLSKTSMIQHDKLNLGPAIKNR
YSSNIQMQAANNLNQENSRLQEKNTESENMTKFPSSRGKSTVSLNKNKQLSNSAVFVVSNNNLGVVKS
AVDFQMKGKENLTGKGITQILGKSHGSLKLKRQPHIFESDGETEDPRLLQQQSENQAKEVGTSDHRLIVS
KIAHRSKRKLCPESSKTSKKHSDTVHYGQSSSSKKQILDSDKSKLKKSLIIHNA

TRTRPLE – GFP Tag – V

Restriction Sites:

SgfI-MluI

Cloning Scheme:



ACCN: NM_001174123

ORF Size: 2055 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_001174123.2](#)

RefSeq Size: 5065 bp

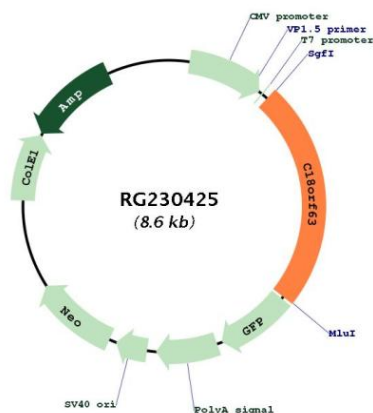
RefSeq ORF: 2058 bp

Locus ID: 644041

UniProt ID: [Q68DL7](#)

Cytogenetics: 18q22.3

Product images:



Circular map for RG230425