

Product datasheet for **RG209876**

C3orf25 (EFCAB12) (NM_207307) Human Tagged ORF Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	C3orf25 (EFCAB12) (NM_207307) Human Tagged ORF Clone
Tag:	TurboGFP
Symbol:	C3orf25
Synonyms:	C3orf25
Mammalian Cell Selection:	Neomycin
Vector:	pCMV6-AC-GFP (PS100010)
E. coli Selection:	Ampicillin (100 ug/mL)



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ORF Nucleotide Sequence:

>RG209876 representing NM_207307
 Red=Cloning site Blue=ORF Green=Tags(s)

TTTTGTAATACGACTCACTATAGGGCGGCCGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
 GCC**CGGATCGCC**

ATGGACGACGACTATGAAGCGTACCACAGTCTGTTCTTGTGCTGCTCGACTCTGCCCGTCTAAGACTC
 CCATCAATGAAAAATGCTCCCGTCTTTGATCCTGAACCGGTCATTGCCACTGCTTCAAGCAGTTCCAGCA
 GAAGGACTTCCGCCTGCCTCAGACCCGCGCGCAATCATCATGGTGCCTCGCAAGGAGGATCAGACACCC
 CTTAATCTGCATCCCAACCTCAGGCTCCCCAAAGCCATCCCCAGCTTCAAAGTTCTGGAAGCTAGAG
 ATATCCAAGAGCAGCCAGAGGACAGGAAGACCTGGCTGAGCCAGAGGTCGAAGCTGCGGCAGGAGCTAGA
 GTCCTTTGGTGTGTAAGAGGTGGCTGGAGAACAAGCCAGCATCACGCCTTCAGAGGCCAAGGTCTTA
 CACATGATCCACGAGGAGCAGAGTGCCAGCCAAATGCCTCCAGGCACTACCAGGACCACCAGGAAGA
 AAGCCCCAGGCTCTCCGGCTGTCCGCCAGATGGTCCCCAGCTCCAGCTGCCGAGCCCCCTGCCCT
 GTCGGTCACTACTCCTACCTGCATAGCCGCAAGATCAAGATCCTGGAGATATTTACAAGTGGGCCAG
 GGTGAGAACAGAGAATCACCAGGGAGGAGTTCATCGCGCTGTAAGGCAGTCGGAGTCCCTCTGAAGA
 ACCAAGAGGTGGAGGATATAGTGATCTACCTCAGCTCTTTGGGAAGCACAAACCATCACCATGGATAT
 CCTGGCCAATACCTACAAGCAGTGGTCTATGGCTCAGCAAAGGAGCAGCCTGGCCACTGCAAGGGAGCAT
 TATATCTTGGCCAAGCACAGAGATTCCTGAAGGGTCCGCTCAAGAAGCAGGAGGTGGATTACAGCCCCAC
 AGCTTCCCAAAGTGGACCTACTGACGGTGCCTGCAGTCGACACGCAGATGGAGACGCGGCCCATGACCT
 GGAGGAGATGGAGGAAGTGGCAAGCGGTACCGCAGCGGCAGCGACAGCACAAGCTCACGATCCCTCC
 ATCCAGTACACGGAGCAATGTCACCTGGTGCCTGTGGGAATCGGCACCTTGTGAGCAGTGCCTCCCGT
 CCACCATCCACGGGGATATGAGGAGCTCATTGACTCGGCCCGCAGGCACAACCTTCTGGTCTACCTGCA
 ATGCTGGAAGCTCTGTAAGTCTATGGCTCCCGCTGACAGAGGACATCCTCATGAAAGCCTTGGTGTAC
 CCAGGAGACAAGATCATTTTCCAGATGGACAAAGTGTGCCCATCCGGCAGCCGGGAGGCTACTACTCTG
 ACTGGAAGGTCTTTTCTCCGAATCTGGCTCTGCTCCGGTCCCAGGGCCCTGGCAAGTCTAAGAGGACTGA
 CAAGAAAACGCCAAAGAAAAGCAAGAAAATGCGCTTTAAGGAGTTTGAGGAATTTACCAGGAAGCTGAAG
 GTGAAGAGGTCCAGTGGTCTGCAGCAAACACCCCAATTCCTTCTGGCCGGTTCATCTTCTGGATAAGC
 TGCAGCTCTACCTGCCACTGTGGCCACAGACCGGAGCCTGGCGCTTTCAGTTGTGTTCAACACCAGCC
 CCATGTCTACCCAGCCACCTACCACCCTGACCACTGGTGGCCCTTAGGAACAAGAACTACATGACCCAC
 GCCATTATGATGCCGCCAAGGTGACTACATCAAC

ACGCGTACGCGGCCGCTCGAG – GFP Tag – **GTTTAA**

Protein Sequence:

>RG209876 representing NM_207307
 Red=Cloning site Green=Tags(s)

MDDDYEAYHSLFLLGLCPSKTPINENAPVFDPEPVIACHFKQFQQKDFRLPQTRRRRIIMVPRKEDQTP
 LNPASQPQAPPKIPSPFKVLEARDIQEQPEDRKTWLSQRSLRQELSFQDVKRWLENKPSITPSEAKVL
 HMIHEEQSAQPNASQATTRTRRKAPRLSRLSRQMVPQLQLPEPPALSMYSYLHSRKIKILEIFHKVGQ
 GENQRITREEFIAAVKAVGVPLKNQEVEDIVIYLSLKGKHTITMDILANTYKQWSMAQQRSSLATAREH
 YILAKHRDSLKGPLKKQEVDSAPQLPKVDLLTVPVDTQMETRPMLEEMEEVGRYRERQRQHKLTIPS
 IQYTEQCHLVRCGNRHFDEHCLPSTIHGDMRELIDSARRHNFLVYLQWKLCKSYGLPLTEDILMKALLY
 PGDKIIFQMDKVCPIRQPGGYSDWKVFSNPLALLRSQGPGRKRTDKKTPKSKKMRKFEFEFTRKLLK
 VKRSSLQQTHPNSFWPGLLDKLLQLYLPVATDRSLALFSCVQHQPVVYPATYHPDHWPLRNKNYMT
 AHYDAAKVVYIN

TRTRPLE – GFP Tag – **V**

Restriction Sites:

SgfI-MluI

Cloning Scheme:


ACCN: NM_207307

ORF Size: 1716 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_207307.3](#)

RefSeq Size: 2169 bp

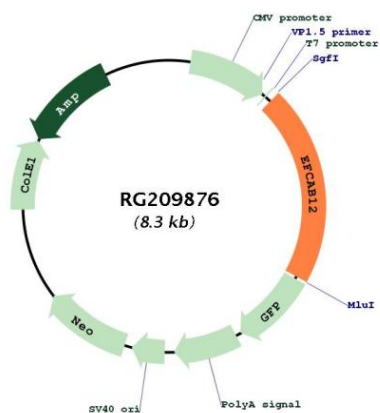
RefSeq ORF: 1719 bp

Locus ID: 90288

UniProt ID: [Q6NXP0](#)

Cytogenetics: 3q21.3

Product images:



Circular map for RG209876