

Product datasheet for **RG202541**

C6orf168 (FAXC) (NM_032511) Human Tagged ORF Clone

Product data:

Product Type:	Expression Plasmids
Tag:	TurboGFP
Symbol:	C6orf168
Synonyms:	C6orf168; dJ273F20
Mammalian Cell	Neomycin
Selection:	
Vector:	pCMV6-AC-GFP (PS100010)
E. coli Selection:	Ampicillin (100 ug/mL)

ORF Nucleotide Sequence: >RG202541 representing NM_032511
Red=Cloning site Blue=ORF Green=Tags(s)

TTTTGTAATACGACTCACTATAGGGCGGCCGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
GCC**CGATCGCC**

ATGCACTGGGGGTTGGCTTTGCTTCGTCCAGGCCGTGCGTGGTGGATCTGAGCTGGAACAGAGCATCT
CCTTCTTCGGCTGGTGGCCGGGTCCGAGGAGCCCTTCTCCTTTATGGGGACATCATCGCTTTCCTTT
GCAGGATTACGGTGGGATCATGGCAGGGCTGGGCTCCGATCCCTGGTGGAGAAAACCTTTACTTGACC
GGGGGAGCTTTGCTGGCCGAGCTGCGTATCTGCTCCAGAACTCCTGGTCATTAGGAAACAGCAAGAGA
TTGACTCTAAAGATGCTATTATTTTGCATCAGTTTGCAAGACCTAACAATGGTGTTCGAAGTTTATCTCC
TTTCTGTTTAAAGATGGAACCTTATTTAAGGATGGCTGACTTACCGTATCAGAACTATTTTGGTGGAAAA
CTCTCTGCTCAAGGAAAAATGCCTTGGATTGAATATAATCATGAAAAAGTTTCTGGCACAGAATTCATAA
TTGACTTTCTGGAAGAGAAGCTTGGAGTGAATTTAAACAAAACCTTGGCCCTCATGAAAGAGCCATCTC
CAGAGCGGTGACCAAGATGGTGGAGGAGCACTTCTACTGGACGTTAGCTTATTGCCAGTGGGTGGACAAT
CTCAATGAGACCCGGAAGATGCTCTCTTAGTGGTGGTGGTCCCTTCAGCAACCTGCTGAGGTGGGTTG
TGTGCCACATAACGAAAGGAATTGTGAAACGCGAGATGCACGGCCACGGCATTGGCCGCTTCTCCGAGGA
AGAGATTTACATGCTGATGGAGAAGGACATGCGGTCTTTAGCAGGGCTTTTGGTGATAAGAAGTACATC
ATGGGGCCCAAGCTTTCCACTCTTGACGCCACTGTCTTTGGACACTTGGCACAGGCAATGTGGACCTTAC
CAGGGACAAGACCCGAACGGCTGATCAAAGGTGAGCTGATCAACCTTGCCATGTACTGTGAGAGGATAAG
GAGGAAATTTTGGCCAGAGTGGCACCACGATGATGACAATACCATCTATGAGTCTGAGGAGAGCAGCGAA
GGCAGCAAAACCCACACCCGCTGCTGGATTTTAGCTTTTACTCAAGGACAGAGACCTTTGAAGATGAGG
GAGCAGAAAACAGTTTTTCCAGAACCCAGACACAGATTTTACTGGACACTCACTCTTTGATTCCGATGT
GGACATGGATGACTATACAGACCACGAACAGTGAAG

ACGCGTACGCGGCCGCTCGAG - GFP Tag - GTTTAA



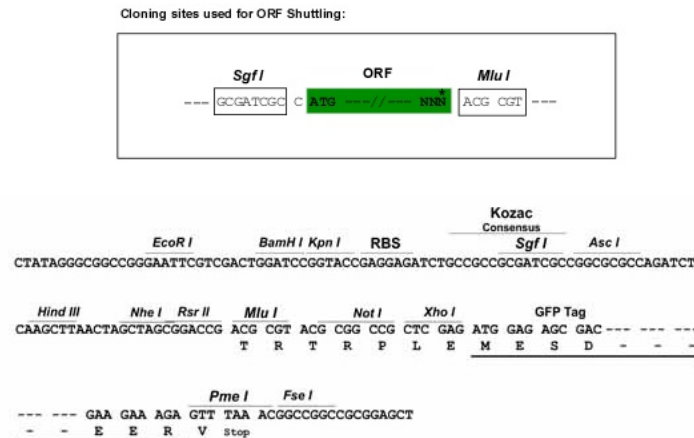
Protein Sequence: >RG202541 representing NM_032511
Red=Cloning site Green=Tags(s)

MHWGVGFASSRPCVVDLSWNQSSISFFGWAGSEEPFSFYGDIIAFPLQDYGGIMAGLGSDPWWKKTLYLT
GGALLAAAAYLLHELLVIRKQQEIDSKDAIILHQFARPNNGVPSLSPFCLKMETYLRLMADLPYQNYFGGK
LSAQGKMPWIEYNHEKVSGETFIIDFLEELGVNLNKNLGPHERAISRAVTKMVEEHFYWTLAYCQWVDN
LNETRKMLSLSGGPPSNLLRWVCHITKGIVKREMHGHGIGRFSEEEIYMLMEKDMRSLAGLLGDKKYI
MGPKLSTLDATVFGHLAQMWTLPGTRPERLIKGELINLAMYCERIRKFWPEWHDDNTIYESEESSE
GSKTHTPLDLSFYSRTEFTFEDEGAENSFRTPTDFTGHSFLDSDVMDDDYTDHEQCK

TRTRPLE - GFP Tag - V

Restriction Sites: SgfI-MluI

Cloning Scheme:



ACCN: NM_032511

ORF Size: 1227 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.

Note: Plasmids are not sterile. For experiments where strict sterility is required, filtration with 0.22um filter is required.

RefSeq: [NM_032511.1](#), [NP_115900.1](#)

RefSeq Size: 2034 bp

RefSeq ORF: 1230 bp

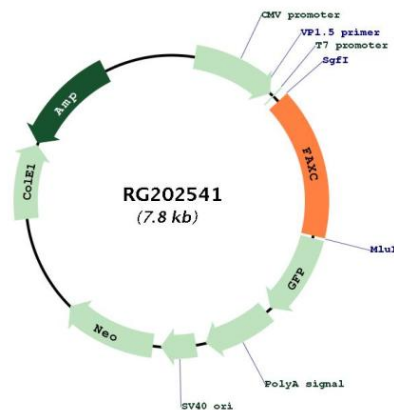
Locus ID: 84553

UniProt ID: [Q5TGI0](#)

Cytogenetics: 6q16.2

Gene Summary: May play a role in axonal development.[UniProtKB/Swiss-Prot Function]

Product images:



Circular map for RG202541