

Product datasheet for **RG216139**

C1orf113 (SH3D21) (NM_024676) Human Tagged ORF Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	C1orf113 (SH3D21) (NM_024676) Human Tagged ORF Clone
Tag:	TurboGFP
Symbol:	C1orf113
Synonyms:	C1orf113
Mammalian Cell Selection:	Neomycin
Vector:	pCMV6-AC-GFP (PS100010)
E. coli Selection:	Ampicillin (100 ug/mL)



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ORF Nucleotide Sequence:

>RG216139 representing NM_024676
 Red=Cloning site Blue=ORF Green=Tags(s)

TTTTGTAATACGACTCACTATAGGGCGGCCGGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
 GCC**CGGATCGCC**

ATGATAAAGGAGATTGAGGACGGCTGGTGGCTGGGAAGAAGAACGGGCAGCTGGGAGCCTTCCCATCCA
 ACTTTGTGGAATTGCTGGACAGTGGGCCCAAGCCTTGTAACCCAGACATGCCTTCAGTCAGCCCTGG
 TCCCCAGCGGCTCCCAAGCTGAGCAGCCTGGCTATGACAGCCCTCCAGACTACCTGCAGACAGTCTCC
 CACCTGAGGTCTACAGGGTCTGTTTACTACCAGCCTGAGGCCCCAGACGAGTTGGCGTGGGAGGG
 GGGACGTGGTAAAGTACTCAGCAAGACCACAGAGGATAAGGGCTGGTGGGAAGGAGAGTGTCAAGGACG
 AAGAGGAGTTTTCCAGACAACCTTGTACTCCACCACCCCAATCAAGAAGCTGGTCCCACGAAAGTG
 GTATCTCGGAATCAGCTCCTATTAAGGAACAAAAAGTTGATGCCAAAACATCCCTCCCACAGTCA
 AGAAGCTAGCAACAGCCACCCTGGGCCAGCAAGCCAGACATCTCGACACCCAGCAGGACAGTCA
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 TAAAGGCCCCCTCTGTGAAGAGAACCCCATGCCGGACAAGACTGCCACCCAGAGAGGCCCCAGCTCC
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 CTAGGGGACAAGGCTCTATCCAGGGAACCTCCACCTCGGGGAAGATCCAGCTCCTGACAAAGTCCCCA
 CCCAGAGAAGATGGTGAAGTCCGAGGACAAGGCTTCTATCCAGAGAAGTCCATCATCCAGAGGAGAC
 CCTGACTGTGGACAAACCTCCACTCCAGAGAGGTCTTTTCAAGTGAAGAGTCCCCTGCCCTAGAAGCC
 CCACCTATGGATAAAGTCCCTAATCCAAAGATGGCCCCCTGAGGGGATGAGGCCCCCACTCTAGAAAAGG
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 AAGAGGAGGTGACCTGAAAGAGGAATTGCCCCCTAAGAGGAAGTGGCTCCAAAGAGGAGGTGCCCC
 CATAGAAAGAGCCTTTGCCAAAAAACAGTCTCTATCAAGCCGCTCCAGACTCCCAAGAGACGCTCGCG
 CTCCCCTCGTGGTCCCAGAACTACACGGAACAAGAATGAAGGAGTTGATGTAACGTCGTGAGGG
 GCGAGGTGGAGTCTTAAGGAGGCGCTGGAGCTGATGGAGGTGCAGCTGGAGAGGAAGCTGACCGACAT
 CTGGGAGGAGCTGAAGAGCGAGAAGGAGCAGCGCCGGCGCTGGAGGTCCAGGTGATGCAGGGGACCCAG
 AAGTCCAGACCCCGCGCTCATCCACAGCAGACGCAGACCTAC

ACGCGTACGCGGCGGCTCGAG – GFP Tag – GTTTAA

Protein Sequence:

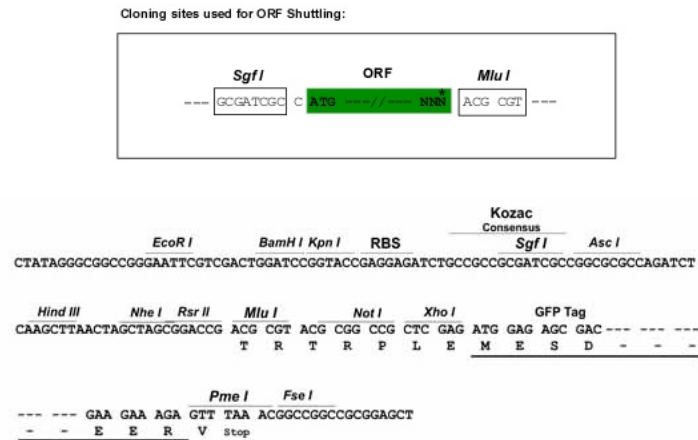
>RG216139 representing NM_024676
 Red=Cloning site Green=Tags(s)

MIKEIEDGWWLGKKNQGLGAFPSNFFVELLDSPPSLGNPDMPSPGPQRPPKLSLAYDSPPDYLTQTVS
 HPEVYRVLFQPEAPDELALRRGDVVKVLSKTTEDKGWWECEQGRGVFPDNFVLPPIKKLVPRKV
 VSRESAPIKEPKKLMPTSLPTVKKLATATTGPSAKTSRTPSRDSQKLTSRDSGPNGGFQSGGSYHPGR
 KRSKTQTPQQRSVSSQEEHSSPVKAPSVKRTMPDKTATPERPPAPENAPSSKKIPAPDKVPSPEKTLT
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 PPMKVPNPKMAPLGDEAPTEKVLTPELSEEEVSTRDDIQFHHFSSEELQKVYFVAKEDPSSQEEAH
 TPEAPPQPPSSERCLGEMKCTLRGDSRPQAEKSGPASRPALPKHPHEEATTLPEEAPSNDETPPE
 EEAPPNEQRPLREEVLPKEGVASKEEVLKEELPPKEEVAPKEEVPIERAFQKTRPIKPPDSQETLA
 LPSLVLPQNYTENKNEGVDVTSRGEVESLRRAELMEVQLERKLTDIWEELKSEKEQRRRLEVQVMQGTQ
 KSQTPRVIHTQTQTY

TRTRPLE – GFP Tag – V

Restriction Sites: SgfI-MluI

Cloning Scheme:



ACCN: NM_024676

ORF Size: 1935 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_024676.5](#)

RefSeq Size: 2333 bp

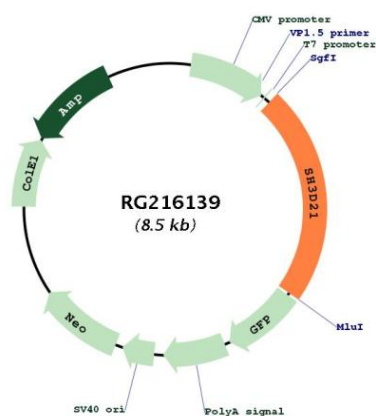
RefSeq ORF: 1938 bp

Locus ID: 79729

UniProt ID: [A4FU49](#)

Cytogenetics: 1p34.3

Product images:



Circular map for RG216139