

Product datasheet for **MG210679**

Zc3h11a (BC066848) Mouse Tagged ORF Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	Zc3h11a (BC066848) Mouse Tagged ORF Clone
Tag:	TurboGFP
Symbol:	Zc3h11a
Synonyms:	mKIAA0663, Zc3hdc11a
Mammalian Cell Selection:	Neomycin
Vector:	pCMV6-AC-GFP (PS100010)
E. coli Selection:	Ampicillin (100 ug/mL)



[View online »](#)

ORF Nucleotide Sequence:

>MG210679 representing BC066848
 Red=Cloning site Blue=ORF Green=Tags(s)

TTTTGTAATACGACTCACTATAGGGCGGCCGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
 GCC**CGCATCGCC**

ATGCCTAATCAGGGAGAAGACTGCTATTTTTATTCTATTCTACATGCGCCAAAGGTGACAGCTGCCCAT
 TCCGTCACCTGTGAAGCTGCACTAGGAAATGAAACTGTTTGCGCACTATGGCAAGAAGTCGTTGTTTTCG
 ACAGGTGTGCAGATTTTCGTACATGGAATGACAAAAACGAAGTGAATTCCTTGTTATTGGGAAAAT
 CAGCCAGTGGGATGTCAAAAATAAACTGCGCTTCCATCACACCAGAAGCCGCTATGTTGATGGACTCT
 TCCTACCTCCAAGCAAACTGTGTTACCCACTGTGCTGAGTACAAGAAGAAGGAGTAAAGACTAGCCA
 GCTCACAGTTCACAGAGCAAATGTCTGTTCACTAACCCCTCCCTCAGCTGCGGAGTGAATGAAA
 GTAGAGAGCTCAGAAAACGTTCCAGCCCCACACATCCGCCTGTTGTAATCAACGCTGCAGATGATGATG
 AAGATGACGATGATCAGTTTTCTGAGGAGGTGATGAAAGCAAGACACCTGCCCTGCAGCCATCTCTGA
 CGTCCATAATGGATTACGAGTGGCTTCTGCCCGCAAACCTGGAGTCAGTTAAAGCAAGGTGAATGTTTG
 AATTTTGGAAATAAAGACTCTTGAGGAAATTAATCAAAGAAAATGAAGGAAAAATCCAAGAAGCAAGGTG
 AAGGCTCCTCGGGAGTTCCAGTGTTCACAGCAGCCTCAGCCCAATCCAGGCCCTGAGAAGGAGAATGT
 TCGGACTGTGGTGAAGATGGTACTCTATCCAGCAAACCAAGAAGGCCCTTGTTAGACTGAGTCTTTCT
 GAGAGACTGGGAAAACGAAAACCTTTCAGTGGTGGTGAATGAGTACCCTCCATTAAGCGAAGCCTTGAC
 AGAGGCTGGGAAAAAAGTGAATCGCCAGAACTAACATTGATAAAGCACCAAAGAAAGAGCGAGGTCA
 TAAAGCTGGGAGATCCATGTGAAGACTGGAAGAAATCTTCTTGAAGAGCCAGTCAGAAACGTGGA
 GAATTGCAAAACCAACTGAAGGCAGGAGAACCTCAGGAGCCGATGATTTCCATCAGGGACAAAAAGTT
 CTTCTTCAGTGGGATCAAAACCTTCTCTGAGGTCTGGCTGAAAAGAAACACCGGCAGCAGGAAATGGA
 AAGACAGAAATCCAAAAAGGATACAAGTTGCCTCACGCTAACAGACGACACTGAAATGAAAAAGCAGTG
 AGTCTGCCACTGTTGCTGTAGCAAAGGACAACCAAGGAGCCTGCAGGAAGAGCCAGGTCTATGCAGG
 AGGTGCATATTAAGACTAGAGGAAATTAAGCTGGAGAAGGCCCTGAGGGTGCAGCAAAGCTCTGAGAG
 TAGTGGCAACTCCGACCTCAAGCTGAGGCTGCCCGAGGACAAAGAGGCTGCTCCGCATACCAAGAGA
 GCAGGTGTAAAAGAAGAGAAAAATGTGGCCTTGAAGACAGTGGTACCCTCCTCAGAGCAGTGTGACTA
 AGATGGAGGCTAATGAGACTTCAGATGAGACCATAAGTATCCCACAAAACCTGCAGTCAACAGATGTGA
 CACTGTCAAAGAGAAAACACACAGAGACTGCAGGAGAGAGGAGCATCACAAAAGGAGAAAGCAGCCTTG
 TCATCTGTGCGAGGAGATGAGGCTTCTTCTATACCCGAGTGGCGGGAAAGCCGGTCTACTGCTGTAT
 CAGGCGTCACTCGGCATCTGGCAAAACGGCTCCCGTGGAGTCATCCAGAAAGGGAGGTAGAAACCTC
 CGGAATCGGGACTCAATACTGAATGTGAAATGCGCAGCACAGACTTTGGAGAAGAGGAGTAAAGTCAAA
 CCCAAAGTAAATGTGAAGCCATCTGTGGTCAAGGTTGTCTCAGCTCCCAAATTGGCTCCCAAACGCAAGG
 CTGTGGAGATGCACTCTGCCGTATCGCAGCCGTGAAGCCGCTCAGCTCCAGCAGTGTCTGCAGGAAAAG
 CCCACCAAGAAAGCAGCTGTGGCTGTTGTCCACTCCTCTCTGAGGATAAAACCCGTACCATGTCTGAG
 ACAGAAAACCAAAAGACAGTTCGTGTCTCAGCCCAAGCTGCTTCGGAACCCTTGCTCCCGGAAG
 GCTCTGGCCCTTCTCATCCAGACGGCAACAAAACCGCCGGCTGAGCTCCGCCTCCAGGGAAAGCC
 TCCACTCTGTGGAAGATGATTTTGAGAACTAATATGGGAAATTTAGGGGGCAAATTTGAAGCTGAG
 ATCGACTTGGATCCTGGGAAGGATGAAGATGACCTTCTGCTTGAAGCTCTCAGAGATGATTGACAGC

ACGCGTACGCGGCCGCTCGAG – GFP Tag – GTTTAA

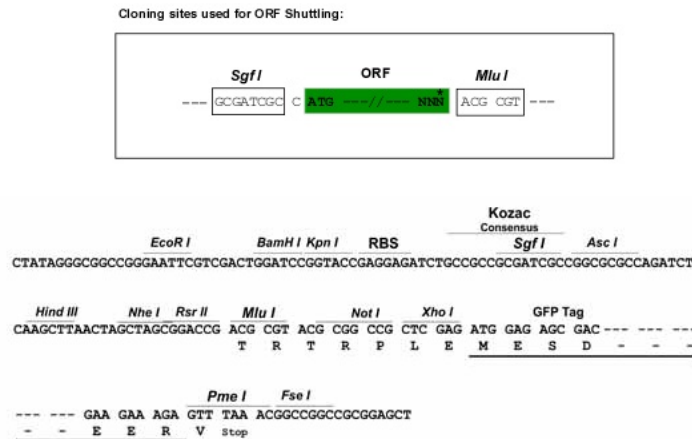
Protein Sequence: >MG210679 representing BC066848
Red=Cloning site Green=Tags(s)

```
MPNQGEDCYFYFYSTCAKGDSCPFHRHCEAALGNETVCALWQEGRCFRQVCRFRHMEIDKKRSEIPCYWEN
QPVGCQKLNCAFHHTRSRYVDGLFLPPSKTVLPTVPESQEEGVKTSQ LTVQSKLSVQSNPSPQLRSVMK
VESSENVSPTHPPVVINAADDEDDDDQFSEEGDESKTPALQSPDVHNGLRVASARKPGVSLKQGECL
NFGIKTLEEIKSKMKEKSKKQEGSSGVSSVLQQPQPNPGEKENVRTVVRMVTLSKPEEPLVRLSLS
ERLGRKRLSVGGDSDPPLKRSLAQRLGKKVESPETNIDKAPKKERGHKAGEIHVKTLLEEILLERASQKRG
ELQTKLKAGEPSGADDSPTGKSSSSVRIKTFSEVLAEEKHRQQEMERQKSKKDTLSCLTLTDDTEMKKTV
SLPTVAVSKGQPEEPAGRARSMQEVHIKTLEEIKLEKALRVQSSSESSGNSRPQAEAAPGTRKLLRITKR
AGVKEEKKCGLEDSGDPQSSVTKMEANETSDETI SDPTKLAVNRCDTVKEKHTQRLQERGASQKEKAAL
SSVRGDEASSYTRVAGKPVLTAVSGVTRHLAKRPLVSSQKGEVETSGIGDSILNVKCAAQTLEKRSKVK
PKVNVKPSVVKVVSAPKLAPKRKAVEMHSAVIAAVKPLSSSSVLQESPTKKA AVAVVPLLSEDKPVTMSE
TENPKDSSVLSAQAASEPLLPEGSGPSSQTATKPRRLSSASTGKPLSVEDDFEKLIWEISGGKLEAE
IDLDPGKDEDDLLELSEMIDS
```

TRTRPLE - GFP Tag - V

Restriction Sites: SgfI-MluI

Cloning Scheme:



ACCN: BC066848

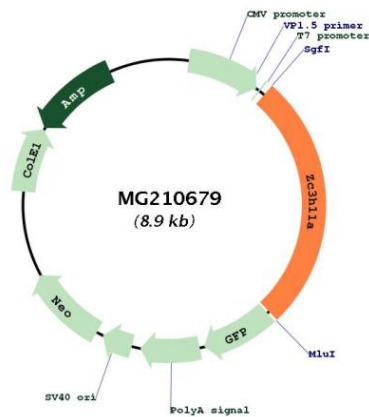
ORF Size: 2378 bp

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:** [BC066848](#), [AAH66848](#)
- RefSeq Size:** 3603 bp
- RefSeq ORF:** 2378 bp
- Locus ID:** 70579
- Cytogenetics:** 1 E4
- Gene Summary:** Involved in nuclear mRNA export; probably mediated by association with the TREX complex. [UniProtKB/Swiss-Prot Function]

Product images:



Circular map for MG210679