

Product datasheet for **MG217922**

Mast4 (NM_175171) Mouse Tagged ORF Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	Mast4 (NM_175171) Mouse Tagged ORF Clone
Tag:	TurboGFP
Symbol:	Mast4
Synonyms:	4930420O11Rik; AI642422; mKIAA0303
Mammalian Cell Selection:	Neomycin
Vector:	pCMV6-AC-GFP (PS100010)
E. coli Selection:	Ampicillin (100 ug/mL)
ORF Nucleotide Sequence:	>MG217922 representing NM_175171 Red=Cloning site Blue=ORF Green=Tags(s)

TTTTGTAATACGACTCACTATAGGGCGGCCGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
GCC**CGATCGCC**

ATGGGGGAGAAAGTTTCCGAGGCGCCTGAGCCCGTGCCCCGGGGCTGCAGCGGACACGGCGCCCGGACCC
TAGTCTCTTCGGCGGCAGCCGTGTCTCGGAGGGCGCTTCTCAGCGGAGTCATCCTCTGGCTCGGAAAC
TCTGTCCGAGGAAGGGGAGCCCAGCCGCTTCTCCTGCAGGTCGCAGCCGCGCGCCGGCGCCGGCGCC
CTGGAAACCCGGCTACCCGCCGCTGGGCTCCCGCGCGTGGCTCTGGAGCGTGGAGTCCCTACCTGC
CGCTGCCGCACCCGGGAGGAGCGGTGCTGCCGGTGCCCCAGGTACAGCAGCGCATCCCAAGAGGAGCAGGA
TGAAGAGCTTGACCACATACTGTCTCCGCCACCATGCCGTTTCGAAATGCAGCAACCCAGATGTGGCC
TGCCGGCTCGGAAAATCACTGAAGTACAAGAGACAGCTTAGTGAGGATGGAAAGCAGCTGCGCGGGGGA
GCCTGGGAGGAGCCCTCACAGGGAGGTACCTCCTTCCAACCCGGTAGCAGGACAGGCCTGGCCTGCTTC
GGCGGAGACGTCCAACCTCGTGCGCATGCGCAGCCAGGCCCTTGCCAAATCGGCTCCCTCGCTCACAGCC
AGCTTGAAGGAGCTGAGCCTCCCCGAAGAGGAAGTCTTTGCCGAACAAGCAACCCGAAGAGTTTGATAG
GCAATGGCCAGTCTCCAGCACTGCCTCGACCACACTCACCTCTCTGCTCATGCAGGAAATAGCCCTCA
AGACAGTCCAAGGAATTTCTCCCCAGTGCCTCAGCCATTCTCATTTGCGAGGAGAACCGATGGGCGC
CGCTGGTCTCTGGCTTCTCCTCCTCAGGCTATGGGACAAATACCCCAAGTCCACCGTCTCCCTCAT
CCTGTTCTTCCCAGGAGAAGTTGCACCAGCTACCATAACCAGCAACCCAGATGAATTACACTTCTTATC
CAAACACTTCTGCACAACAGAAAGTATCGCCACTGAGAACCAGGTCAGAAACACACCCATGCGTCCACGT
TCCCGGAGTCTCAGCCCTGGACGGTCCCCGCCTGCTGTGACCATGAAATAATTATGATGAACCATGTCT
ACAAAGAAAGGTTCCCAAAGGCCACAGCTCAGATGGAAGAGCGTCTGAAGGAGATCATCACCAGCTACTC
TCCAGACCATGTTCTCCCTTGGCAGATGGGGTACTTAGTTTCACTCACCATCAGATCATTGAGCTGGCT
CGGAGTGTGGATAAATCTCACCAGGCTCATCACGTCGAGATACTTTTTGAGTTGCAGCACAAAC
TGGACAAGTTGCTCCAGGAGGCTCAGATCGCTCTGAAAGTGGAGAACTGGCATTATCAAGCAACTAGT
CCGAAAGATCCTAATTGTCATTGCCCGCCCGCTCGGTTATTGGAGTGTTTGAATTTGATCCTGAAGAA



[View online »](#)

TTTTATTACCTATTGGAAGCTGCAGAAGGCCATGCCAAAGAAGGCCAAGGAATCAAACCTGACATCCCTA
 GGTATATCATCAGCCAGCTGGGACTCAATAAGGACCCCTTAGAAGAAATGGCTCAGTTGGGGAATTACGA
 CAGTAGGACAGCAGAGACACCAGAGATGGATGAGTCAGTGAGTAGCTCAAATACTTCCCTGAGACTTCGA
 AGGAAACCCCGAGAGAGTGAATTTGAAACAATTAATTTGATCAGCAATGGAGCCTACGGGGCAGTCTACT
 TTGTTCCGCACAAAGAGTCCCGCCAGAGGTTGCCATGAAGAAGATCAACAAGCAGAACCCTATCCCTTCG
 GAACCAGATCCAGCAGGCCTTCGTGGAGCGAGACATCTGACTTTCGCAGAGAACCCTTTGTGGTCAGC
 ATGTATTGCTCCTTTGAAACGAGGCGTCACTTATGCATGGTCATGGAGTATGTAGAAGGGGAGACTGTG
 CGACCCTAATGAAAACATGGGACCTCTCCAGTTGATATGGCCAGAATGTATTTCCGCCGAGACCGTCTT
 GGCTTGGAGTACCTGCATAATTACGGAATCGTACACAGGGACTTGAAGCCAGACAACTGTTGGTCACC
 TCCATGGGGCACATAAACTGACTGACTTCGGCTTGTCTAAGGTGGGATTAATGAGCATGACCACCAATC
 TCTATGAAGGCCACATAGAGAAGGACGCTCGAGAGTTCTTAGATAAACAGGTCTGTGGTACACCTGAGTA
 CATTGCCCCGAGGTGATTCTGAGACAGGGCTACGGGAAACCCGTGGACTGGTGGCCATGGGCATTATC
 CTCTATGAATTTCTGGTCGGATGTGTGCCTTTCTTTGGGACACTCCAGAAGAGCTATTTGGACAAGTCA
 TCAGTGATGAAATCAACTGGCCTGAAAAGGACGAGGCCCTCTCCAGACGCTCAGGAGCTGATTACCTT
 GCTCCTCAGGCAGAAATCCGCTGGAGAGGCTGGGAACAGGTGGAGCCTATGAAGTGAAGCAGCATCGTTTC
 TCCGCTCCTTAGACTGGAACAGTTTGCTGAGACAGAAGCGGAATTTATCCCAAAGTGAATCGGAGG
 ATGACACAAGTTATTTTGATACTCGGTCAGAGAAGTATCATCACATGGAGACGGAGGAGGAGGACGATAC
 AAACGATGAGGACTTCACCGTGGAGATAAGGCAGTTTTCTTCTGTTTACACAGGTTTTCAAAGTTTTTC
 AGCAGTATAGATCGCATAACTCAAATTCAGGAGAAGCAAAAGATGACTCTGAGGACAAGACCAAAAGCA
 CAACGTTGCCATCCACAGAGACTCAGCTGGAGTTCGAATACTCTGAAATGCAACAGTTATCGACCTC
 CAACTCTCAGATACTGAAAGCAACAGGTGCAACTCAGCTCTGGCTTGTCCCAAGCTGGCTATTTCCG
 ACAGATGGGGAACAAGATGAGGCTGTCCCTTGTCTGGAGACCCAGAGAGGAGCCAGAGAAACCTGTCC
 CTCCCTCTGAGGAGTGTACTCAGGAGGAGCCGAGGTCACCACCCAGCCAGCACCATCAGCAGTCCAC
 ACTGTCTGAGTGGCAGTTTTTTCAGAGCACTTGATTCAGATAAATGGGCGAAGCGAGTGTGTGGACAGTACA
 GATAATTCCTCAAAGCCATCCAGTGAACCCACTTCTCACGTGGCTCGACAGCGCTTAGAAAGCACAGAGA
 AAAAGAAAATTTCTGGGAAAGTCAAAAGTCCCTCTCGGCCAGTCTGTCCCTCATGATCCCAGGAGA
 TATGTTCCGCTGTATCTCCATTGGGAAGCCCAATGTCCCCACACTCCCTGTCTTCAGACCCTTCTTCTCA
 CGGGATTCTCTCCAGCCGAGACTCTTCTGCAGCATCTGCCAGTCCGCATCAGCCCATTGTATCCACA
 GCTCAGGCAAGAACTATGGGTTACCATCCGTGCTATCCGCGTACGTGGGGGACAGTGACATCTACAC
 AGTGCACCATATCGTCTGGAACGTAGAAGAAGGAAGTCCCGCATACCAGGCAGGACTGAAGGCCGGGAT
 CTGATCACACACATCAACGGAGAGCCGGTGCACGGCCTCGTCCACACGGAAGTTATCGAGCTCCTGTGA
 AGAGTGGGAATAAGGTGTCTATCACCCTACTCCATTTGAAAACACATCAATCAAACCGGACCAGCCAG
 GAGAAACAGTTACAAGGGCCGGATGGTGAGACGAAGCAAGAAGTCCAAGAAGAAGGAGAGTCTAGAAGG
 AGGAGATCTCTTCAAGAAGCTGGCAAGCAGCCTTCTCCTTTGCTCCACACCAGCCGAAGTTTCTCCT
 GCTTAAACCGGTCCCTGTCTGAGAGAGCCTCCCGGTTCCCAACTCACAGCTTGTCCCGGAGGTC
 TCCAACACCCAGTTATCGTTCTACTCCCGATTTCCGTCAGGTACAAATTCCTCCAGAGCAGCTCCCA
 AGTTCAAGTGCCCAATTTCTCCAGCAGGTTACGGGCACATCCGGCCAGCACCCTCCATGGCCTGGCTC
 CAAACTCAGCGGGCAGCGATACCGCTCTGGAAGACGGAAGTCCGCTGGCAGCATCCCTCTCTCCCGCT
 GGCCAGGACACCCTCTCCACTCCACAGCCTACCTCTCCTCAGCGTTCACCATCCCACTGTTGGGACAC
 TCACTGGGCAATGCCAAGATCACTCAGGCCTTTCCTAGCAAGATGCACTCTCCCCCAACATCGTACAGAC
 ACATCGTGAGGCCCAAGAGTGCAGAGCCGCCCGCTCCCACTGCTGAAACGGGTGCAGTCGAGGAAAA
 GTTGTACCCCTCTATGGCAGTGACAAGAAGCTTCTGTGCTCCCGCAAGCATAGCCTAGAGGTGACACAA
 GAGGAGGTACAGAGGGAGCAGTGTGAGCGGGAAGTGAAGTGCAGAGCCTGGAAGAGAAATGTGTGTGACG
 CTCCTTCCCTCAGTCCGGCCAGGCCAGTGGAGCAAGGCTGTCTGAAACGCCCCGTGTCCCGGAAGGTGGG
 CAGGCAAGAGTCTGTGGATGACCTGGACCGGGACAAGCTGAAAGCCAAGGTTGTCGTAAGAAACCAGAA
 GAGAAACATGAATCGCACAGAAACCTCACAGCCTTGGTGGTATTTCGAAAGCTATGCTCTCTTACGGC
 TAGAGGAGAGAGAAAAAGTGTACTCAAGGGGTTGAAAGGTCAGGCCATTTTGAACACATCAGC
 AGAGTTGCCTTCTGTGGCAGCCTGCTGAAGGACTCTTCAAGCAGGCCAGCGTGAGGGCCAGCGAG
 GGGGTGACCTCAGACGGGGCAGCTTGCAGCCTGACACCAGGGGAGCACAGCCAGTCTCTAGGTGACTTTA
 AGCGGGCCTCAGCTTCTGGCATTCTCCATGATAGTGTGTGCCCATCTCTGATAGGCCTGCTCTGGAAA
 GGTTGAATACTCGGAGAAGGCCTCTCAGGCCAAAGAGCTCCTTCGAAGTAAAACTAGACAGCAAGCTG
 GCCAATATTGATTACCTCAGAAAGAAAATGTCATTGGATGACAAAGATGACAGCCACTGTGCCATCTGA

AACCCAAGATAACATCTAGCGCCCATGAATGTCTGCCAGGGAACCCCATACGGCCCATGGCAGGGCAACA
AGAGACCCCGCCAGCCTCTGAAAACCGGGCATTTCATCAACAGTACCCACACACCTCAGATGAGTGCAGTT
TCCTTTGTTCTCTCAAAGCCTTAGCTGGCCGGGTAGAGAACGGAGGGGAGAAAGCAGGCTTAGCTGCTC
CCGAGTCCCCTGTGAGGAAGAGCCCTCCGAGTATAAGCTAGAGGGCAGGTCAGTTTCATGTCTCAAGCC
GATCGAGGGCACACTGGACATTGCTCTCCTGTCTGGACCTCACGCCTCCAAAACAGAGTTGCTTTCCCA
GAGCCTGCACAGAGTCCCAGCCCAGGCATCAACGTGGGACCATGTGTGCCACTAGCTCTTCTGGGAGCA
GTGGGAAAAGGGAGACTCCACCAGCCTGAGAGAGCCTTCTCAGCCAACCTTAAAGTAAATAAATCTTA
TCTGCTGGAGCCTCGTTTCTACCCCGAGCCGGGCTCTCCAGGACTCTCTCGCAGCCTCTGGGCCAGAA
CCGAAGTCAAAGCCGAAAGGAAGCTCATTTCATCCTTCTGCCAGGAGCCAGCAACTGTCACAGAGAGCA
ATCTTCAGCAGAAAGAGGGTGGTCCCGCCACACACCAAGACCGCTCCACTGACACCAGGAACCTCCCTGG
CCCAGGGCAGACCCTACACAATGTGGACCTACCCAGGCTGTGTACACGTGCCCACTCCCACCGAAGGG
ACGCCCGCAAAGGAGAAGCCATGTCTGAAGAACCTCTGCCAAGGTGAAAAGCGAGTGGTCTGCCGTGA
GGGATGACGGACACAGAGATCCCTGTGCGAAGCTGTGCCCGCAGAGACTGGTAAAGCCAGCGACAGTTC
CAAACCCCTGCCTTCGGGGGGAGGACCAACCCGATTTCTACAAGCAGACCCAGACTTCGGAGAAAAGCA
TGGGCGCATGCAAAAACAACCACAAGATAGCCAAGATGAGGTGAAGTCCCTGGCCAGGGAGGACTCAG
CTTCACTTTTATATGAAAAGGAGATAGGCCGGGCACGAAAAGGTCTGAACCCAAACCGGAAGTTCCCTGC
TACCCGGTGCCCTCCTCAGCCACCAGGAATTGAGGGTGAAGGAGAAAAGCTCTCCGCTGCCCTCT
TTGAGAAAACAGGCTCCCAAAGAGCCAGACAGGAAGAACAGACTTCGAAAAGGCTGGAGGTAGTGGCC
CTCAACAACCCCAACCCCAAAGAGCTGTCTAACTCAGCATCCTGGCAGCACGGCAGTTCTCCGAGTCA
CACTTTAAGAAGGAGCCCGGGACCAAAGCTGCCGCTGCAGAACCAAGCACCCAGCCTTATGACTCTCC
CGATCTGTACAGCCACCACCCTGCCATTGCCACCACCACCCTACCACCAGTCCCGGGCAGAGTACT
GCAGTAGCCATAAGGCCCGGCTGGCCCTGACCCAGCCCTTCAAAGTCTAAGCACAAGCAGGTCCT
CTCCTCACAGAAGCTGAGTGTGCTCTGCAAAAAGGCAAAGAGCCTGTCACTCAACCCCTGGGTGGTTCC
ATCAGAGAAGGCAAGGGTGGCAGCAAGGGTCCAGTGGACACATTTTCTGCTGTCTGACCCACAGGGCA
AAGCAAGTGTGTGCTTGTGAGGGAGAAGGTCGGGTCTCAATCATTGTCCACACTGAAGAGTGTCTCT
CGATGCCAAACTGAAAAACCAATGGAGGGTGTCCCCAGAGATGCAGGCGAAGCATCCACCCAGACAA
GGACATCTCAGTGAAGCAGCAGACCAGAAGCCACTCATTGCTGGTGAAGCAAGCCCGTCTCAAAGC
ATCCCAAACCATCCACTGTGAAAGATTACCCAGTCTGTGCAGACAGACAGACAGAAGCCCAAGCCATCA
GGCTACCACTGGGACAGGAAGGCAGAAGGAAAGAAATGCACAGACGCACTTTATGTGCGAGCCCAAG
GGCTACAAGCCAGAGGCCAGCCCTTCTCTCCACCAGGCGAGACCGGACTCAGAGGCTCAGAGAGGCCAC
CCATGGGCATGGGAAGGGCTTCTCTGAGCCAAAGGGAAAGGGCCAGGTCACCAAGTCACTGGCTGA
AACAGGCAAGCCAGCGGTATGAAAAGGTACCCCTCTGCCACCGTGCAGAGCTCTCTCCGCTCAGCTGCC
CCCCAGAAAAGTCTCTGAGTACTCAGCCAGCTTCCCGAGGCCAGCCTGGAGTGCAGAGGTCCTCTG
CAGCCAACAGCAGCCCTCATCTGCCAAGGCTACAGGGGGGACCTCAGAGTTCACAGCCCAAGCAGCAG
GGACCACAGGAAGCTTCACTGCTGGAGGAGACGGCCGAAGCAAATGATAAAGAGTACTCTCTGCCCTCC
TTCCGCTCTCCACCTCTGCTCTGGAGTCAATTTCCAGGATCCACAGGTGCCATCGCATCAGGCCACC
GAGGCAGGGCACTGTGAGTAACTGCTGCCACAGGAGAACCCAAAGGGAGAGAGCTCGCCAGCCTCCCC
AGTCAGGAAACAGAAATGCGTGCAGAGAGGCGACCAGAGCACCCCAAGCCCAAGCACAGATCGCTCCCTC
CCTCTTCTCAGAGAAAGACTTCGTGGTTCGGCAGAGAAGGGCAAGGAGACCTTAAGGAGCAGTCTCT
ACAAAAGGCCTCC

ACGCGTACGCGGCCGCTCGAG - GFP Tag - GTTTAA

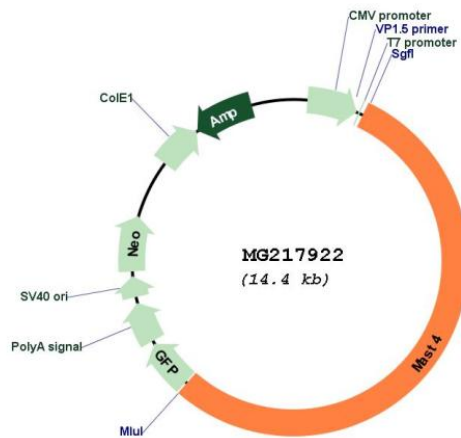
Protein Sequence: >MG217922 representing NM_175171
 Red=Cloning site Green=Tags(s)

MGEKVSEAPEVPRGCSGHGARTLVSSAAAASSEGASSAESSSGSETLSEEGEPSRFSCRSPQPPPPGGA
 LGTRLPAAWAPARVALERGVPTLPLPHPGGAVLPVPQVSSASQEEQDELDHILSPPPMPFRKCSNPDVA
 CGLGKSLKYKRQLSEDGKQLRRGSLGGALTGRYLLPNPVAGQAWPASAETSNLVMRSQALGQSAPSLTA
 SLKELSLPRRGSCLRTSNRKSILGNQSPALPRPHSPLSAHAGNSPQDSPRNFSPSASAHSFARRTDGR
 RWLSLASLPSSSGYGTNTPSSTVSSSCSSQEKHLQLPYQPTPELHFLSKHFCTTESIATENRCRNTPMRPR
 SRSLSPGRSPACCDHEIIMMNHVYKERFPKATAQMEERLKEIITSYSPDHVLPADGVLSTHHTHIIELA
 RDCLDKSHQGLITSRYFFELQHKLDKLLQEAHDRSESGELAFIKQLVRKILVIARPARLLECLEFDPEE
 FYYLLEAAEGHAKGQGIKTDIPRYIISQLGLNKDPLEEAMQLGNYDSRTAETPEMDESVSNTSLRLR
 RKPRESDFETIKLISNGAYGAVYFVRHKESRQRFAMKKINKQNLILRNQIQQAFVERDILTFAENPFVVS
 MYCSFETRRLCMVMEYVEGGDCATLMKNMGPLPVDARMYFAETVLALAYLHNYGIVHRDLKPDNLLVT
 SMGHIKLTDFGLSKVGLMSMTTNLYEGHIEKDAREFLDKQVCGTPEYIAPEVILRQGYGKPVDDWAMGII
 LYEFLVGCVPFFGDTPEELFGQVISDEINWPEKDEAPPPDAQELITLLLRQNPLERLGTGGAYEVKQHRF
 FRSLDWNLSLRQAEFIPQLESEDDTSYFDRSEKYHHMETEEEDDTNDEDFTEIRQFSSCSHRFSKVF
 SSIDRITQNSGEDKDDSEDKTKSTTLPSTETLSWSSEYSEMQLSTSNSSDTESNRCKLSSGLLPKLAIS
 TDGEQDEAVPCSGDPREEPEKPPVSEECTQEEPEVTTASTISSSTLSVGSFSEHLDDQINGRSECVST
 DNSSKPSSEPTSHVARQRLSETEKKKISGKVTKSLSASALSLMIPGDMFAVSPGSPMSPHLSDDPSSS
 RDSSPSRDSSAASAPHQPIVIHSSGKNYGFIRAIRVYVGDSDIYTVHHIVWNVEEGSPAYAGLKAGD
 LITHINGEPVHGLVHTEVIELLLKSGNKVSIITTPFENTSIKTPARRNSYKGRMVRSSKSKKESLER
 RRSLLFKLAKQPSPLLHTSRFSCLNRLSSGESLPGSPTHSLSPRSPTPSYRSTPDFSGTNSQSSSP
 SSSAPNSPAGSGHIRPSTLHGLAPKLSGQRYRSGRRKSAGSIPLSPLARTPSPTPQPTSPQRSPLLGH
 SLGNAKITQAFPSKMHSPPTIVRHIVRPKSAEPPRSPLLRVQSEKLSPSYGSCKLLCSRKHSLEVTQ
 EEVQREQCQREVTLSLEENVCDAPSLSRARPVEQGCLKRPVSRKVGRQESVDDLDRDKLKAKVVVKKPE
 EKHESHQKPHSLGGDSSEYALFRLEREKKVYKGLERSGHFENTSAELPSVGSLLKDTLHKQASVRASE
 GVTSDGAACSLTPGEHSQSLGDFKRASASGILHDSVCPISDRPAPGKVEYSEKASQAKELLRSEKLDKSL
 ANIDYLRRKMSLDDKDDSHCAILKPKITSSAHECLPGNP IRPMAGQOETPPASENRAFINSTHTPQMSAV
 SFVPLKALAGRVENGGEKAGLAAPESPVRKSPSEYKLEGRSVSCLKPIEGTLDIALLSGPHASKTELLSP
 EPAQSPSPGINVGPCVPLALPGSSGKKGDSTSLREPSSANLKVNSYLLEPRFLPPSRALQDSLAAASGPE
 PKSKPERKLIHPSARSPATVTESNLQQKEGGPATHQDRSTDTRNLPGGQTLHNVDLPRLCTRAPLPPEG
 TPAKEKPCLEKPSAKVKSESAVRDDGHRDPCAELCPAETGKASDSSKPLPSGGRTQPDFYKQTQSEKA
 WAHAKTNHKDSQDEVKSLAREDSASLLYEKEIGRARKGPEPKPEVPATRCPPQPPGIEGKREKLSAAPS
 LQKQAPKEPDRKEQTSQRPGSGPQQPPPTKELSNSASWQHGSPTSHTLKEPGTKAAAAEPSTSLHDT
 RSATATTTAIAITTTTTSAGHSDCSSHKARPGDPSPSKSKHQDRSLSSQKL SAGSAKGEKPVTPQLGGS
 IREGKGGSKGPVDTFSAVLTTQKASDVLVQGEGRVSIIVHTEECPLDAKLKNTNGGCPPEMQUAKHPPRQ
 GHLSEAADQKPLIAGEKQSPSPKHPKPSVKDYPVSLCRQTDSPSHQATTGDRKAEGKCTDALVYAAPE
 GYKPEASPSLHHGETGLRGSERPPMGMGKGFSEPKGKGPQKSLAETGKPSGMKRSPSATVQSSLSAA
 PPEKSLSYSASFPEAQPGVREVPAAANSSPSSAKATGGTSEFPAPSSRDHRKLQSGGDGRSQMIKSDSLPS
 FRLSTSALESHFQDPQVPIASGHRGRALSVAATGEPKGRELAQPPPVKQNAACREATRAPPAPSTDRSL
 PLSSEKDFVVRQRGKETLRSSPHKKAS

TRTRPLE - GFP Tag - V

Restriction Sites: Sgfl-MluI

Cloning Scheme:

Plasmid Map:


ACCN: NM_175171

ORF Size: 7854 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:	<ol style="list-style-type: none">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:	<u>NM_175171.3</u> , <u>NP_780380.2</u>
RefSeq Size:	10671 bp
RefSeq ORF:	7857 bp
Locus ID:	328329
UniProt ID:	<u>Q811L6</u>
Cytogenetics:	13 D1