

Product datasheet for **MG214934**

Gm382 (NM_001033241) Mouse Tagged ORF Clone

Product data:

Product Type:	Expression Plasmids
Tag:	TurboGFP
Symbol:	Gm382
Mammalian Cell Selection:	Neomycin
Vector:	pCMV6-AC-GFP (PS100010)
E. coli Selection:	Ampicillin (100 ug/mL)

ORF Nucleotide Sequence: >MG214934 representing NM_001033241
Red=Cloning site Blue=ORF Green=Tags(s)

TTTTGTAATACGACTCACTATAGGGCGCCGGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
GCCGCGATCGCC

ATGAATCCAAAAGAAATTCGCTTCACAACAAAACAAGTCTGCTCAAAAAGAAAATCATTATAAAAATC
CAAATGATGTGGTTCGATGTCCAGAAATGACAAGGAAGTCAATCAACACCTAGAGCAAGGAAATTTTC
AGGAAATCCTGAAGAACTGCAGAATCATCAAACAGTAATATTTTAAAGGCTGGGAAATTTCAAACCTT
ACTCGGATTTTTCATGTATTACTAGAAGAAGAAAAGTATTTGACTCAATTTGGAGAAGGTACATTAGCAA
AGTTCTATGCACATATCATGGAAAACACTGGTGTCACTTAGAATCATCTTTGTCAAAGACCAAGGTCT
TTATGTGACAGTTTTGGCAACCCAGAAGCTGTCAAAATGCTGAGAATGAAATTTTAAATGGTGTCAA
AAACAATATTTACCTTTAACTCTCATTTCCAAAACAAGAACATTGTTTTTTCTAAACCAGACTGGTAATA
AATCACAAGATTTGGAGCAAGAAGGTCAAATAAACACTCAGATCACAAGTCCACATAATCAGAACACAG
TATAAATAGTGTGATGTGAATCAGACAAAGATGAAGTCTTCAGATGGAAGCCTATCTACATCTGCCAGA
AGTAACAAAGGTGATATCCAGATACTAGAAATGGAGAAATCATTTAATCCCTGACTGTGAAGCCATACC
TTCAAGCAAGTGACATTTCCAAGAAACAGAGGAGCATGTCCCTTTTGAACCTCTAGTGCCAAGGAGAC
AGATTTAGATATTAATGAAGGACAACCTGCATGTGGATCAGATAGGTTGTCTTAAAAATGATATGATTA
AAAACCACTACTATAACTGAGGGTATGATGATGACATTTCAAGACAGTGGTACCAGAAGTCTCAAAGAC
ATTTTCTAGAAGAGATCCTAGACACAAGTGAAGATTCAACAGGACAGTCACAATCAGAAAGCATATCAGA
TTATATGACACAACACAGTGATCTTGACAGTTCTGGGAAATTTAATGAAGCCGATGACAATGATGAT
GACTACATTGCTTCTCAATCTTCGCTCCTTCTGGTTGCACAGGTTTATTATTGGTACAAAAGGTGAGG
AAATATCTGAGATAACAGAGTGTGTGCCAAAGGTTCAAATACATTTTACAGCTAAAGACAAGATAACACT
GAAGGGACCAATAGATGACGTAATATGCTCAAGAAAAATTTGACATCATTGTCAAGGACCTAATGAGT
AAAATGGAATATACTGAGATAAACAGTGACAGTAAATTTTACAAATACCTGACAGGAAATAATGGGAGAG
TTCTAAATAGAATTACAGAGAAGAACCAAGTCTCTATCACAATGTTTCTGAAAATGAGTCGAACTACTC
AATCAGAATTGAGGGAGAACTCTCTGGGTGCCACCAGGCCAAAAAGAAGTACTTGTGCTGGCAAATAAC
TTGGAAGAAGAGTATAGCCAGGACATAATCATCAAACCAATTTTACATCATTCTTATTGGCCAAAAAG
GTGAAAAGAGTTCGAGAAATTTGTAAGAAATTCCTGATGTTATCCCTCAACTTTCCACACCCTGCAGAGAA
AAGTGATATTGTTCAACTGATAGGGCCAAGATATGAATCAGAAAAGTGTGCACAGTATTTAGAGAATATG



TTGACAGATATTAAGAAAATAACTATTCTATAAGTGTTCCTATAATAAAAAAGCTTCACAAAAGGATAA
 TTGAAAAGGAGTTTCAAACATTAGAAAAATCTCTGAAGCAACCAATACCAAAATTTCTTTCCACCAGA
 AAGTGCAAATTCAGAAGAGTTCATCATTACTGGATATCCAGAAAAATGTGAAATGCACGTAACCTGGATA
 CTTTCACTTCAGCAAGAGTTAGCTGATACTGCAGAGGAGGAAATATCATTCTGCTAATCTATACAAAC
 ATCTGACTAATCCTAAAGAATGTTTGTAAATCAATCATAGAAGAATGTGGGAAGATCCATCTGCATTT
 TCCAAAAGGCCAAATCAAACCTGAATAAAATCATTATCATGGCACCATCGAAAAATGTTGAAAAGGCCAAA
 ACAAACCTTCTAAAATTTAGAAGAACAAGCCAAAAATTTACTCTGAGACTCTTCATATCAAATCAA
 AGTACCATCAATTCCTACTGAACAAAAATGGAGGTAATATTTCCAAAAATCTGTGATGAGACTGGGACATG
 TGTCTTTTTCCCTAACCTACAATAAGGATCAAGAAACCATAACAATACAGGGACTGAGGAGTCTGTT
 AAAGAGGTCCAAAAACAAGTAGATGATTTAGTTAAAGACTTTGAGAATGAGGTGGATGATCCATACTAA
 TAAACCGTAGATTTACCATTATTTGTTCATGCGGAGAGGCCAGCTTTTAAAAGAAATGGCAGAAGACTA
 TGGTGTGTAGTTATTACATCTCTTATTCAGGGAGACAGAATAAAAAATGCAAAAGCGAGTCAAGTCTTTACA
 CTTGTGTTGAGGCAGCAAAGAAACACATTAAGGAGATTTTGTAGCCTTTGGGCTCCCAAATTAACAATC
 GGTATGTTCTACCCACTCTTTCCAACCTTTTATCATGGGACCAATAAGTTCGAGAATCCAACAATTCG
 TAGGGATTATAAAGTTGAAATCAAATTTCCAGATATAGAGAAGCCAGCCTTAAATATGGATTTAGGTACT
 CATGAGAAAAGGAAAAGAAAAGTGGAAAAGGACTGCTAAAGAGATTGCTCCCAATTCCTCAAGGAAAAGGTG
 ACACCATATTTATCTCAGGTCAAGTGGAAAATGCAAGGCAGCTACTGAAGCTCTAGCATCTATAATTC
 TGTTACTACTGAAGTCCATGTGCCCTTCCACACAACCTTACATCATTGGGCACAAGGGAAGTGGTTTA
 CGCAAACCTAGTAAAGGAATAGAAGTGCATATGCAGGTGTCACAACCTGGAAAAATTTCTGATATAAT
 CTATTAATGGGTCTTTAGCAAAATGTGGAACAAGCCAAGATAAAAAATGCAAAAGCGAGTCAAGTCTTTACA
 AATGGAAGTAGAAGATCGAACACTAAGAAATTTAAGTTAATGTTAATCTAGATCCTAAATATCAAGCC
 AAGATCACCGGTCACAAGGCTTGTCTTACTCAAATTTGCACAGAACATGATGTTACTATCCATTTTC
 CAAAGAAAGGAACCCATGATATGCAAGAACAAATCACTATTACTGGTTATAAAGAGAACCCCTAGCTGC
 CCGAGATGCAATAATGAGATTGTTGCATAAAATGAAAAACAATTTCTAAGGAAATCACCTAAACCAG
 CAGGTTCTGGCAATGTTATTGGAGTACGTGAAAAACCATCAATAAAATCATGGATCAATACCAAGTAG
 ATATACGTTTACCTCCAAAAGGTTATATAATCCTAATATCACAGTACTGGTCTCGCTGATAATGTAGA
 AAAAGCAATGAGCATATTCTAATCTTGAAAAGTATTATCTATCAGCTGCCATAAACCACGGATCTCAG
 CAAGAACAACCTAAAAGTATGCTCCCTTTGCAATATAGCCATGACACCATCCAAGATTTTGTGAGAAAGT
 ATGTTCCCTGTTATGCTAAAACAACCAAGCTCCAGATGTAGATAATTGTGAACACTTTCCAAGATT
 AAAACAGCGAACATCTTCTAAAACCTCATCTTCAAATTTG

ACGCGTACGCGGCCGCTCGAG - GFP Tag - GTTTAA

Protein Sequence:

>MG214934 representing NM_001033241

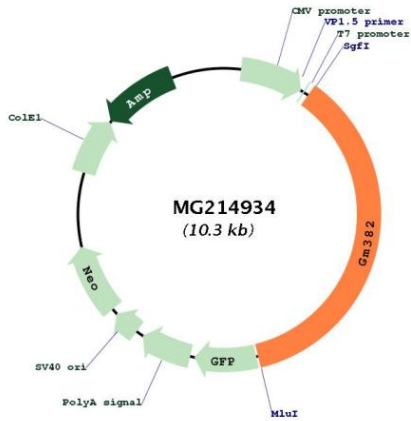
Red=Cloning site Green=Tags(s)

MNSKRNSASQNKSAQKENHYKNPNDVVRMSRNDKEVNHLEQGNFSGNPEETAESSNSNIFKAGEISNL
 TRIFHVLEEEKYLTQFGEGLAKFYAHIMENTGVNLESSFVKDQGLYVTVFGNPEAVTNAENEIFKWCQ
 KQYLPLTLISKQEHCFNLNQTGNKSQDLEQEGQINTQITSPHNQNSINSVDVNQTKMKSSDGLSTSR
 SNKGDIIQILEMEKSFNPLTVKPYLQASDIFQETEEHVPFELSSAKETDLDINEGQLHVDQIGLKNMDMIK
 KTSTITEGMMTFQDSGTRSLKRHFLEEILDTSSTGQSQSESISDYMTQHSDLDSSELGFNEADDNDD
 DYIASSIFAPSWLHRFIIIGTKGEEISEITECPVKVQIHFTAKDKITLKGPIDDVNYAQEKFDIIVKDLMS
 KMEYTEINSDSKFYKYL TGNGEILNRITEKNQVSITMFPENESNYSIRIEGESLGVHQAQKELLDLANN
 LEEEYSQDII IKHQFHILIGQKGERVREICKKFPDVILNFPHPAEKSDIVQLIGPRYSEKCAQYLENM
 LTDIKENNYISVPIIKKLHKRIIGKGVSNIRKISEATNTKITFPPECSNSEEFIIITGYPENCEIARNWI
 LSLQQELADTAAEEIIPANLYKHL TNPKECLNSIIEECGIHLHFPKGKSNLNKIIIMGTIENVEKAK
 TKLLKLSEEEQAKNYSETLHIKSKYHQFLLNKNGGNI SKICDETGTCTVFFPNPTNKDQETIITGTESV
 KEVQQLDDL VKDFENEVDSDILINRRFHYYFVMRRGQLLKEMAEDYGGVVITFSYSGRQNTKVTIRGAK
 PCVEAAKKHIKEIFEPLGSQITTRYVLPHSFPFIMGPISSRIQQIARDYKVEIKFPDIEKPNLMDLGT
 HEKGKEKWKRTAKEIAPNSPRKGDITIFISGQVENCKAATEALASIPVTTVEVHVPLHLQPYIIGHKSGSL
 RKL VKEYEVHMQVSQPGKNSDIISIMGLSANVEQAKIKLQKRKVSQMEVEDRTLNRNFKLMFNLDPKYQA
 KITGHKGLLITQICTEHDVTIHFPPKGTDMQEQTITITGYKENTLAARDAIMRLLHKIEKITSKEITLNQ
 QVRGNVIGVRGKTINKIMDQYQVDIRLPPKGLYNPNITVTGLADNVEKATIEHILNLEKYYLSAAINHGSG
 QEQPKSMSLCNIAMTPSKSFVRKYVPCYAKTTTKLPDNDNCEHFRLKQRTSSKTHPSKL

TRTRPLE - GFP Tag - V

RefSeq: [NM_001033241.3](#), [NP_001028413.2](#)
 RefSeq Size: 4070 bp
 RefSeq ORF: 3753 bp
 Locus ID: 211208
 Cytogenetics: X E3

Product images:



Circular map for MG214934