

Product datasheet for **RG213922**

SPEN (NM_015001) Human Tagged ORF Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	SPEN (NM_015001) Human Tagged ORF Clone
Tag:	TurboGFP
Symbol:	SPEN
Synonyms:	HIAA0929; MINT; RATARS; RBM15C; SHARP
Mammalian Cell Selection:	Neomycin
Vector:	pCMV6-AC-GFP (PS100010)
E. coli Selection:	Ampicillin (100 ug/mL)
ORF Nucleotide Sequence:	>RG213922 representing NM_015001 Red=Cloning site Blue=ORF Green=Tags(s)

TTTTGTAATACGACTCACTATAGGGCGGCCGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
GCC**CGATCGC**

ATGGTCCGGGAAACCAGGCATCTCTGGGTGGGCAACTTACCCGAGAACGTGCGGGAAGAGAAGATCATCG
AGCATTTCAAACGATATGGCCGCGTGAAAGTGTCAAATTTCTCCCAAGAGGGGATCTGAAGGAGGAGT
GGCTGCCTTTGTGGATTTGTGGACATCAAAGTGCACAGAAAGCTCACAACCTCGGTCAACAAAATGGGT
GACAGAGACCTACGCACGGATTATAATGAACCAGGCACCATCCCAGTGTCTCGGGGATTGGATGATA
CAGTTTCCATAGCATCTCGTAGTAGAGAGTTTCTGGGTTTCAGAGGAGGTGGTGGAGGGCCTGCTTATGG
TCCCCACCGTCACTTCATGCACGAGAAGGACGTTATGAGCGGAGACTTGATGGGGCTTCAGATAACAGG
GAGCGTGCTTATGAACATAGTGCCTATGGACACCATGAACGGGGGACGGGAGGATTTGATCGGACAAGAC
ATTACGATCAGGATTACTATAGAGATCCTCGAGAGCGGACTTTACAACATGGGCTCTATTACGCTTCTCG
GAGTCGAAGTCCAAATCGCTTTGATGCTCATGACCCCGATATGAACCTAGGGCTCGCGAGCAGTTTACA
CTGCCCAGTGTGGTACACAGGGATATCTACAGGGATGATATTACCCGGGAGGTACGAGGCAGAAGGCCAG
AGCGGAATTACCAGCACAGCAGGAGTCGGTCACCACATTCATCCAGTCTAGAAATCAGTCTCCTCAGAG
ACTGGCTAGCCAAGCATCTAGACCCACAAGGTCCCCTAGCGGCAGCGGCTCTAGAAGTAGATCCTCCAGT
AGTGATTCAATCAGCAGCAGCAGTAGTACCAGCAGTGACAGCAGTGATTCCAGCAGTAGTTCAAGTGATG
ATTCTCCAGCTCGATCAGTTTCACTCTGCAGCAGTCCCTGCACCCACTTCCAGTTGCTTTTCTCTGGA
AAAAGATGAGCCCGTAAAGTTTTGGCATCAAGGTCCAGAATCTTCCAGTACGCTCTACAGATAACAAGC
CTTAAAGATGGCCTTTTCCATGAATTTAAGAAATTTGGAAAAGTAACTTCAGTGCAGATACATGGAAGT
CAGAAGAGAGGTATGGTCTGGTATTCTTTCGGCAGCAAGAGGACCAAGAAAAAGCCTTGACTGCATCAA
AGGAAAATCTTTTGGCATGCAGATTGAAGTAACAGCATGGATAGGTCCAGAAACAGAAAGTGAAAT
GAATTTGCCCCCTTGGATGAAAGGATAGATGAATTTACCCCAAGCAACAAGAACTCTCTTATTGGCA
ACCTTGAAAAAACCACTACTTACCATGACCTTCGCAACATCTTCCAGCGCTTTGGAGAAATGTGGATAT
TGACATTAAGAAAGTAAATGGAGTTCCTCAGTATGCGTTTCTGCAATACTGTGATATTGCTAGCGTTTGT



[View online »](#)

AAAGCTATTAAGAAGATGGATGGGAATATCTTGAAATAATCGCCTCAAGCTGGGTTTTGGAAAGAGCA
 TGCTACAACTGCGTGTGGCTAGATGGGCTTTCTTCAATGTGTGAGATCAGTATTTAACACGACATTT
 CTGCCGATATGGGCTGTGGTAAAGGTGGTGTGTGACCGCTTAAAGGCATGGCCCTGGTCTCTACAAT
 GAAATTGAATATGCACAAGCAGCTGTAAAGAGACCAAGGGAGGAAAATCGGTGGGAATAAAATTAAGG
 TGGATTTTGCAATCGGGAAAGTCAGCTGGCTTTTATCACTGCATGGAGAAATCTGGTCAAGACATCAG
 AGACTTTTATGAAATGTTAGCCGAAAGAAGAGAGGAACGAAGGCATCCTACGACTATAACCAAGATCGT
 ACATATTATGAGAGTGTTCGAAGTCCAGGCACTTATCCTGAGGATTCAGGCGGACTATCCAGCTCGAG
 GGAGAGAGTTTTATTTCAGAAATGGGAAACTTACCAAGGAGACTACTATGAATCACGATACTACGATGATCC
 TCGGGAATACAGGGATTACAGGAATGATCCTTATGAACAAGATATTAGGGAATATAGTTACAGGCAAGG
 GAACGAGAAAGAGAAGCTGAAAGATTTGAGTCTGACCGGACAGAGACCATGAGAGGAGGCCGATTGAAC
 GAAGTCAAAGTCTGTCTCACTTGCAGCTCCACAGAGTCTGGAGCGTCTCCCTCTCAGGAGAGAGGTT
 GCCGAGTATTCTGAGAGGAGGCTTTACAGCCGATCCTCAGACCGGAGTGAAGCTGTAGCTCACTCTCC
 CCTCAAGATATGAGAACTGGACAAGTCTCGTTTGGAGCGCTATACAAAAATGAAAAGACAGATAAAG
 AACGAAGTTTGTCCGGAGAGAGTGGAGAGAGAGAGACGCTTAATACGGAAGGAAAAAGTGAAAAAGGA
 CAAAAGTACAAGCAGAAACGCAAGGAAAGGTTCACTCCCTAGTTCTCAGTCTTCAGAAACGGACCAA
 GAAAAATGAGCGAGAGCAAGCCCTGAAAAGCCAGGAGTTGTAATAAACTGAGCAGAGAGAAAGCTGACA
 AAGAGGGAATAGCGAAAAACCGCTGGAAGTCTGCCTTGCCTGGTGGTGGTGGTGGTGGTGGTGGTGGT
 GGGAAAGGTCAATGACCACACTCCTGTGAAAAAGTTGAAAGCCAAGCTTGATAATGACACTGTCAAATCT
 TCTGCCCTGGACCAGAACTTCAGGTCTCTCAGACGGAGCCTGCAAAATCTGACTTGTCTAACTGGAAT
 CAGTTAGAATGAAAGTACCAAGGAAAAGGGGCTTTCAAGCCATGTTGAAGTGGTGGAGAAGGAAGGCAG
 GCTTAAGCCAGGAAGCACCTCAAGCCTGAGCAGCCTGCAGATGGGGTAAGTGTGTGGATCTGGAGAAG
 CTGGAAGCCAGGAAAAGGCGCTTTGCAGATTCGAATTTAAAGCAGAAAAAGCAAAACAGAGGTCAAGA
 AAAGCAGTCCAGAGATGGAGGATGCTCGGTGCTTTCAAAAAGCAGCCTGACGTGCTCTAGAGAGGT
 CATCTGCTGAGGGAAGGAGAGGCTGAAAAGAGCCTGTGAGGAAAGAAATTTCTTAAAGAGAAATCTAAA
 AAAATCAAAGTGGACAGACTTAATACTGTTGCCAGCCCCAAAGACTGTCAGGAGCTTGCCAGTATTTCTG
 TTGGGTCTGGCTCAAGGCCAGCTCAGACCTACAAGCAAGACTGGGAGAACTAGCAGGTGAATCTGTGGA
 AAATCAAGAAGTCCAATCAAAAAGCCATTCCCTCAAAACACAGCTCAACAGCTGCAGGTATTAGAT
 GATCAAGGACCAGAGAGAGAAGAGCTTAGGAAAACTATTGCAGTCTTCGTGATGAAACACCTGAACGTA
 AATCAGGCCAAGAGAAATCACATTCAGTAAATACTGAAGAAAAATTTGGCATTGACATCGATCACACGCA
 GAGTTACCGAAAACAAATGGAACAGAGTCGTAGGAAACAGCAGATGGAATGGAATAGCCAAGTCTGAG
 AAGTTTGGCAGTCTAAAAAGATGTAGATGAATATGAAAGACGTAGCCTCGTTACGAGGTAGGCAAC
 CCCTCAAGATGTCACTGATGACTCTCCTCTAGCAAAAAGAAAAGGATGGATCATGTGATTTTGATAT
 CTGCACCAAGCGAGAACGGAATTACAGAAGTTCACGCCAAATCAGCGAAGATTCTGAAAGGACTGGTGGT
 TCTCCAGTGTCCGACATGGTTCCTTCCATGAAGATGAGGATCCCATAGGCTCCCTAGGCTACTGTGAG
 TAAAAGGGTCTCCTAAAGTAGATGAAAAAGTCTCCCTATTCTAACATAACAGTCAGGGAAGAGTCTTT
 AAAATTTAATCCTTATGATTCTAGCAGGAGAGAAGAGATGGCAGATATGGCCAAAATAAACTATCTGTC
 TTGAATTTCTGAAGATGAATAAATCGTTGGGACTCTCAGATGAAACAGGATGCTGGCAGATTTGATGTGA
 GTTTCCCAACAGCATAATTAAGAGAGATAGCCTTCGAAAAGGTCTGTACGAGATCTGGAACCTGGTGA
 GGTGCCTTCTGATTCTGACGAAGATGGTGAACACAAATCCCACTACCCAGAGCCTCTGCATTATATGAA
 AGTTCTCGATTGTCTTTTTTATTGAGGGACAGAGAAGACAAGCTACGTGAGCGAGATGAAAGACTCTCTA
 GTTCTTTAGAAAGGAACAAATTTTACTCTTTTGATTGGATAAGACAATCACACCAGACACTAAAGCTTT
 GCTTGAAGAGCTAAATCCCTCTCTTCTCTGTTGAAGAAAATTTGGTCTTTTCTTGATTGGGACTCCCGA
 TTTGCAATTTTTCGAAACAACAAAGATAAAGAAAAGGTTGACTCTGCTCAAGACCTATTCCATCTGGT
 ACATGAAAAAGAAGAAATTAGGACTGATTCAGAAAGGAAAATGGATGATAAGAAAGAGGACCATAAAGA
 AGAAGAGCAAGAGAGGAGGAATTTGTTGCTTCTCGTTTTTACACAGCTCAATCTTTGAACAAGATTCC
 AAGCGATTGCAGCATCTAGAGAGAAAAGAGGAAGATTCTGACTTCATTTCTGGTAGGATCTATGGGAAGC
 AGACATCTGAGGGAGCAACAGCACAAGTATTCCATTCAAGAACCAGTAGTTCTGTTCCATAGCAGATT
 TATGGAGCTCACACGGATGCAACAGAAAGAAAAAGAAAGACCAGAAACCCAAAGAGGTTGAGAAACAG
 GAAGATACAGAGAATCATCCCAAGACCCAGAATCTGCTCCTGAGAATAAAGATTGAGAACTGAAAACTC
 CACCTTCCGTTGGGCCTCCAAGTGTACAGTCTGAAGTCTAGAACTCAGCCCCATCAGCACTAGAGAAGAC
 CACTGGTGACAAAACGGTAGAGGCGCTTTGGTAACAGAAAGAGAAAGACTGTGGAGCCAGCTACCGTCTCA
 GAAGAAGCAAAGCCTGCATCTGAACCTGCTCCTGCCCTGTGGAACAGCTGGAACAAGTAGACCTGCCCC

CAGGAGCAGACCCCGATAAAGAAGCTGCCATGATGCCTGCGGGTGTGAGGAAGTTTCATCAGGTGACCA
 GCCGCCTTATCTGGATGCCAAGCCTCCTCACTCCCGGGCCTCGTTTTCCAGGCAGAGAGCAACGTAGAT
 CCAGAGCCTGACAGTACCCAGCCACTTTCAAACACAGCTCAGAAGTCTGAGGAAGCCAATGAGCCAAAGG
 CCGAAAAGCCAGACGCCACTGCAGATGCTGAGCCTGATGCAAACCAGAAAGCCGAAGCTGCTCCTGAGTC
 TCAGCCCCCAGCTTCTGAAGATTTAGAGTTGATCCTCCAGTTGCTGCAAAGGATAAAAAGCCAAACAAA
 AGCAAGCGTTCAAAGACCCCTGTTCAAGCAGCTGAGTGAGTATCGTGGAGAAGCCCGTCACAAGGAAGA
 GTGAGAGGATAGACCGGGAAGAACTCAAGCGGTCCAATTCTCCTCGGGGAGAAGCACAGAAGCTTTTGGA
 ATTGAAGATGGAGGCAGAGAAGATTACAAGGACTGCTTCTAAAAACTCTGCTGCAGACCTTGAACATCCC
 GAACCAAGTTTGCTCTCAGCCGAACAAGGCGCCGAATGTAAGGAGCGTCTATGCAACCATGGGTGACC
 ATGAAAACCGCTCTCCTGTCAAAGAGCCGTTGAGCAACCAAGAGTGACCAGAAAGAGATTGGAGCGAGA
 GCTTCAGGAGGCTGCAGCGGTTCCACCACCCCTCGGAGGGGAAGGCTCCAAAGACAGCCGGCGAGCC
 GATGAAGAGGAGGAGAACGAGGCCAAGGAACCTGCAGAAACACTCAAGCCACCTGAGGGATGGCGGTGCG
 CAAGGTCCAGAAAACCTGCAGCTGGTGGTGACCCCAAGGAAAAAGGAAAAAATGAACCGAAGGTGGA
 TGCTACACGTCTGAGGCCACCACTGAGGTGGGCCCCAAATAGGCGTGAAGAGAGCTCCATGGAACCC
 AAGGCTGCTGAGGAGGAGCAGGAGTGAAACAGAAACGTGACAGAAAAGATGCTGGCACAGACAAAAACC
 CCCTGAAACCGCCCTGTTGAAGTTGTAGAGAAAAAACCGCCCTGAAAAAACTCCAAATCAAAGAG
 AGGAAGATCTCGAAACTCCAGGTTAGCAGTGGAACAAATCTGCAAGTCTGAAAAATGTGGATGCTGCTGTC
 AGTCCCAGGGGGCTGCAGCACAGGCAGGGGAGAGGGAATCTGGGGTGGTGGCAGTCTCCCTGAGAAAA
 GTGAGAGTCCCCAAAAGGAGGATGGTTTATCATCCCAGTTGAAAAGTGATCCAGTTGATCCAGACAAGGA
 ACCAGAGAAAAGACGTGTCTGCCTCTGGGCCGTCCCAAGAGCCACCCAGTTAGCCAAGCAGATGGAG
 CTGGAGCAGGCCGTGGAACACATCGCAAAGCTCGCTGAGGCCCTGCTGCTGCTGCTATAAGGCAGATG
 CACCAGAGGGCCTTGCCCAAGAGCAGGGACAAGCCTGCACACCAAGCAAGTGAACAGAGCTGGCTGC
 GGCCATCGGCTCCATCATCAATGACATTTCTGGGAGCCAGAAAACCTCCAGCACCTCCACCTTATCCT
 GGAGAATCCAGACAGATCTGCAACCCCGCAGGTGCACAGGCGCTGCAGCCTTCTGAGGAAGGAATGG
 AGACAGATGAGGCTGTATCTGGCATCCTGGAACCTGAGGCTGCTACAGAATCTTCTAGGCCCTCAGTCAA
 TGCTCCTGACCCCTCAGCCGGCCCAACAGATACCAAGGAAGCCAGAGGAAATAGCAGTGAAACCTCACAC
 TCAGTGCCAGAAGCCAAAGGGTCTAAAGAAGTGGAAGTCACTCTTGTTCCGAAAGACAAAGGGGCCGAGA
 AAACAACCCGATCAGCCGCAAGCGAAACACAAACAAGAAAGTGGTGGCTCCTGTAGAGAGCCATGTCCC
 TGAATCCAACCAAGCTCAAGGTGAGAGTCTGCTGCAATGAGGGGACAACAGTACAGCACCCCGAAGCC
 CCACAGGAAGAAAAGCAGAGTGAGAAACCCATTCCACTCCTCCTCAGTCATGTACTTCTGACCTAAGCA
 AGATTCCTCCACAGAGAATTCTGCCAAGAAATCAGTGTGAGGAAAGGACTCCAACCAAGCATCTGT
 GCCCCAGACCTTCCCCACCTCCCCAGCCAGCACCGGTGGATGAGGAGCCTCAAGCCAGGTTGAGGGTG
 CATTCCATCATTGAAAGTGACCCGGTGACCCACCCAGCGATCCAAGCATCCCCATACCCACACTGCCTT
 CTGTAAGTGCAGCAAAGCTCTCACCTCCTGTGCGCTCTGGGGGGATCCCACACCAGAGCCCCCTACTAA
 GGTGACAGAGTGGATCACAAGGCAGGAGGAGCCACGGGCTCAGTCTACTCCATCTCCAGCTCTTCCCCCA
 GACACAAGGCCCTCTGATGTTGACACCAGCTCCAGCACCTGAGGAAGATTCTCATGGACCCCAAGTATG
 TGTCTGCCACAAGTGCACTTCCACAAGTGTACCACAGCCATTGCAGAGCCTGTGAGTGTGCCCTTG
 CCTACATGAGGCCCGCCCCGCCAGTTGACTCTAAAAAGCCTTTAGAAGAAAAAACAGCACCTCCAGTG
 ACAAACAACCTCTGAGATACAAGCCTCGGAGGTGCTGGTAGCTGCTGACAAGGAAAAGGTGGCTCCAGTCA
 TTGCTCCCAAAATTACCTCTGTTATTAGCCGGATGCCTGTGAGCATTGACCTGGAAAAATTCACAGAAGAT
 AACCTTGCAAAACAGCTCCTCAAACCTCACTGGTCTGGTGAGCGCACTCACTGGCCTGGTGAACGTC
 TCCCTGGTCCCGGTGAATGCCCTGAAAGGCCCGTGAAGGGCTCAGTGACCACACTGAAAAGTTTGGTGA
 GCACCCCTGCTGGGCCGTGAACGTCCTGAAAGGGCCTGTGAATGTTCTTACGGGGCCAGTGAATGTTCT
 CACCACTCAGTGAACGCCACGGTGGGCACAGTGAATGCCGCCAGGCACAGTCAATGCCGCTGCGAGT
 GCAGTGAATGCCACAGCAAGTGCAGTGACCGTCACAGCGGTGCGGTTACTGCTGCATCTGGTGGTGTA
 CGGCCACAACAGGCACGGTGACAATGGCAGGGGAGTGATTGCGCCGTCAACAAAGTGCAACAGAGAGC
 GAGTGCTAATGAAAACAGTCGGTTCCACCCAGGGTCCATGCCTGTGATCGACGATCGTCCGCGAGACGCG
 GGCTCAGGGGCGGGGCTGCGTGTGAACACTTCTGAAGGGGTTGTGCTCCTGAGTTACTCAGGGCAGAAGA
 CCGAAGGCCACAGCGGATCAGCGCCAAGATCAGCCAGATCCCCCGGCCAGTGCAATGGACATTGAATT
 TCAGCAGTCAGTGTCCAAGTCCCAGGTCAAACCTGATTCTGTACAGCATCGCAGCCTCCATCCAAGGC
 CCTCAAGTCTCTGAGGCTATGCGAACGTGGCCACCCATTCCACGTTGGTACTGACCGCCAGACATATA
 ATGCTCTCCTGTGATTCGTCTGTGAAGGCCGATAGGCCATCCTTGAGAAGCCCGAGCCCATTCACCT

```
CTCGGTGTCCACGCTGTACCCAGGGAGGCACAGTGAAGTTCTACCCAGGGGATCAACACACCCCT
GTGCTGGTTACAAACAGCTGGTCTACCCCAAGCATTGTACCCACAAACAAGAAGCTTGCTGACCCCG
TCACCCCTTAAATCGAGACCAAGGTCTTCAGCCGGCCAACTGGGGTCCACGCTACGCCCCACCAACC
TCCTGCTCTGCCAGCAAAGTGCCTACAGAAGTCAACCATGTCCCTCGGGGCCAGCATCCCAGCAGAT
CGAACTGTCTCCATTTGGCAGTGCAGAGTGTGCTATTCTCTCGACCAAGTGGACCCGGGCCAT
CCTCATTTCCCAAGGGCAAGCCACCCAGCAGTACTGCATCTACGGCGCTCTCCACCAAGCCACAGTCAT
GCTGGCTGCAGGCATCCCAGTCCCCAGTTTCATCTCCAGCATCCACCCAGAGCAGTCTGTATCATGCCA
CCCCACAGCATCACCCAGACTGTGTCCCTGAGCCACCTCTCCAGGGCGAGGTGAGAATGAACACTCCCA
CGCTGCCAGTATCACCTACAGCATCCGGCCAGAAGCGCTTCACTCTCTCGGGTCCGCTGCAGCCCCA
GCAATAGAGGTGAGGGCCCCACAGCGTGCCAGCACCCCGCAGCCAGCCCCAGCTGGTGTGCTGCACTG
GCCTCCCAGCACCTCCCGAGGAGGAAGTGCATTATCACCTTCTGTGCTCGAGCCACAGCCCCTGTGC
AGTCAGAGGTACTAGTCATGCAGTCTGAGTACCGACTGCACCCCTATACTGTGCCACGGGATGTGAGGAT
CATGGTGCATCCACATGTGACGGCAGTCAGCGAGCAGCCAGGGCCGCGGATGGGTGGTGAAGGTGCCA
CCAGCCAGCAAGGCCCTCAGCAGCCAGGAAGGAAGTGCCAAGACACCAGATGCCAAAGTGGCCCCA
CCCCACCCCTGCCCCGTCCCTGTCCCTGTCCCTTCTGCCCCTGCTCTGCCCTCATGGTGAGGC
CGGTATCCTCACAGTTACCCCCAGTAACCAACTCCAGGGGCTGCCCTGTGACCCCTCTGTGGTGGTGACC
CATGGGTGTCAGATTGTGCACTCCAGCGGGGAGCTGTTTCAAGAGTACCGGTACGGCGACATCCGCACCT
ACCACCCCCCGGCCAGCTCACACACTCAGTTTCCGCGCTTCTCTGTGGCTGCCTTCCCGGAC
CAAGACAGCTGCTCAGGGCCCTCCTCTGAAGGTGAGCCCTGCAGCCTCCTCAGCCTGTGAGTCCACA
CAGCCTGCCAGCCTGCACACCTGCCCGCCTCCAGCTCGGTGAGCCCGGCCAGCCACCAAGCAGCA
AGATGCCTCAAGTGTCCAGGAGGCAAGGGGACCCAGACGGGAGTAGAGCAGCCTCGCTCCCAGCTGG
ACCTGCAACAGGCCACCTGAGCCTCACACCCAGTTTCAAGGGCACAAGCAGAAACAGGCCCGACTTCC
TTCCCCCTCCCTGTGTCTGTCTCCATGAAGCCTGACCTTCCAGTCTCTTCCCCTCAGACTGCCCAA
AACAGCCGTTGTTTGTCCCAACACCTCTGGCCCCAGCACCCACAGGACTGGTCTGCCACACACTGA
ATTCCAGCCAGCCCCAAACAAGATTCTCTCCACACCTGACTTCCCAGAGACCCGTGGATATGGTTCAA
CTTCTGAAGAAGTACCCCATCGTGTGGCAGGGCCTGCTGGCCCTCAAGAATGACACAGCTGCTGTGAGC
TCCACTTCGTCTCTGGCAACAACGTCTGGCCCATCGGTCCCTGCCCTTTCTGAAGGAGGGCCCCACT
AAGGATCGCCAGAGGATGCGGCTGGAGGCAACGCAGCTGGAAGGGGTTGCCGAAGGATGACGGTGGAG
ACAGATTACTGTCTGCTGCTGGCTCTGCCCTGTGGCCGTGACCAAGAGGATGTTGTGAGCCAGACCGAGT
CCCTCAAGGCTGCCTTCATCACTTACCTGCAGGCCAAGCAGGCGGCAGGGATCATCAACGTTCCCAACC
TGGCTCAATCAGCCTGCCTACGTGCTGCAGATCTTCCCGCCTGTGAGTTCTCTGAGAGTCACCTGTCC
CGCTTGGCCCTGACCTCTTGCAGCATCTCCAACATCTCTCCACCTCATGATTGTCATTGCCTCCG
TG
```

ACGCGTACGCGGCCGCTCGAG – GFP Tag – GTTTAA

Protein Sequence:

>RG213922 representing NM_015001

Red=Cloning site Green=Tags(s)

```
MVRETRHLWVGNLPENVREEKIIIEHFKRYGRVESVKILPKRGSEGGVAAFVDFVDIKSAQKAHNSVNKMG
DRDLRTDYNEPGTIPSAARGLDDTVSIASRSREVSGRFGGGGPPAYGPPPSLHAREGRYERRLDGASDNR
ERAYEHSAYGHHERGTTGGFDRTRHYDQDYRDPRERTLQHGLYYASRSRSPNRFDAHDPRYEPRAREQFT
LPSVVHRDIYRDDITREVRGRPERNYQHSRSPHSSQSRNQSPQRLASQASRPTRSPSGSGSRSSSS
SDSISSSSSTSSDSSSSSSDDSPARSVQSAVPAPTSQLLSSLEKDEPRKSFGIKVQNLVPRSTDTS
LKDGLFHEFKKFGKVTSVQIHGTSEERYGLVFFRQEDQEALTASKGLFFGMQIEVTAWIGPETESEN
EFRPLDERIDFHPKATRTLFIGNLEKTTTYHDLRNIFQRFGEIVDIDIKKVNGVPQYAFQYCDIASVC
KAIKKMDGEYLGNNRLKLGFGKSMPTNCVWLDGLSSNVSDQYLTRHFCRYGPVVKVVFDRKGMALVLYN
EIEYAQAQAVKETKGRKIGGNKIKVDFANRESQLAFYHCMEKSGQDIRDFYEMLAERREERRASYDYNQDR
TYYESVRTPGTYPEDSRDYPARGREFYSEWETYQGDYYESRYDDPREYRDYRNDPYEQDIREYSYRQR
ERERERERFESDRDRDHERRPIERSQSPVHLRRPQSPGASPSQAERLPSDSERRLYSRSSDRSGSCSSLS
PPRYEKLDKSRLEKTKNEKTDKERTFDPERVERERRIRKEKVEKDKTDQKRKGKGVHSPSSQSSSETDQ
ENEREQSPEKPRSCNKL SREKADKEGI AKNRLEL MPCVVL TRVKEKEGKVIDHTPVEKLKAKLDNDTVKS
SALDQKLQVSQTEPAKSDL SKLESVRMKVPKEKGLSSHVEVVEKEGRLKARKHLKPEQPADGVS AVDLEK
```

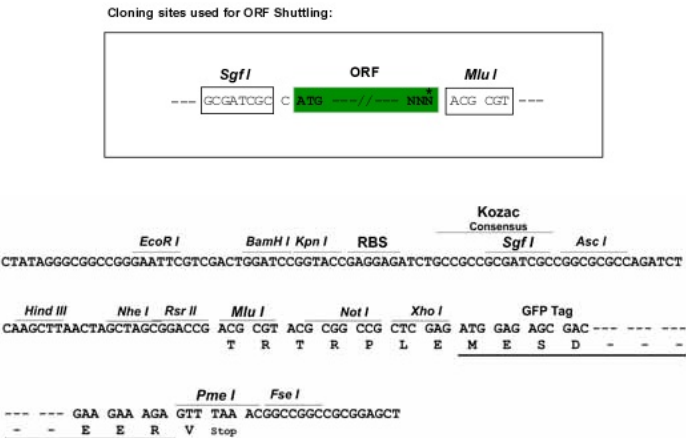
LEARKRRFADSNLKAQKQPEVKKSSPEMEDARVL SKKQPDVSSREVILLREGEAERKPVRKEILKRESK
KIKLDRNLTVASPKDCQELASISVGSGSRPSSDLQARLGELAGESVENQEVQSKKPIPSKPQLKQLQVLD
DQGPREDVRKNYCSLRDETPERKSGQEKSHSVNTEEKIGIDIDHTQSYRKQMEQSRKQMQMEMEIAKSE
KFGSPKKDVDEYERRSLVHEVGKPPQDVTDSSPPSKKKRMDHVDICTKRERNYRSSRQISEDERTGG
SPSVRHGSFHEDEDPISPRLLSVKGSPPKVDKVL PYSNITVREESLKFNPYDSSRREQMADMAKIKLSV
LNSEDELNRWDSQMKQDAGRFDVSFPNSIIKRDSLKRKRSVRDLEPGEVPSDSEDEGEHKSHPRASALYE
SSRLSFLLRDREDKLRERDERLSSSLERNKFYSFALDKTITPDTKALLERAKSLSSSREENWSFLDWDSR
FANFRNNKDKEKVDSAPRPISWYMKKKKIRTDSSEGMDDKKEDHKEEQERQELFASRFLHSSSIFEQDS
KRLQHLEKKEEDSDFISGRIYGKQTSEGANSTDSIQEPVVL FHSRMEFELTRMQQKEKEKDQKPKEVEKQ
EDTENHPKTPESAPENKSELKTPPSVGPPSVTVVTL ESAPSALEKTTGDKTVEAPLVTEETKVEPATVS
EEAKPASEPAPAVEQLEQVLDPPGADPDKEAAMMPAGVEEGSSGDQPPYLDAKPPTPGASFSAESNVD
PEPDSTQPLSKPAQKSEEANEPKAEKPDATADAEPDANQKAEAPESQPPASEDLEVDPPVAAKDKKPNK
SKRSKTPVQAAAVSIVEKPVTRKSERIDREKLKRSNSPRGEAQKLELMEAEKITRTASKNSAADLEHP
EPSLPLSRTRRRNVRSVYATMGDHENRSPVKEPVEQPRVTRKRLERELQEAAPVTTPRRGRPPKTRRRA
DEEEENEAKEPAETLKPPEGWRSPRSQTAAGGGPQGGKGNPKVDATREATTEVGPQIGVKESMEP
KAAEEEAGSEQKRD RKDAGTDKNPPETAPVEVVEKKPAPEKNSKSKRGRSRNSRLAVDKSASLKNVDAAV
SPRGAAAQAGERESGVVAVSPEKSESPQKEDGLSSQLKSDPVPDPKEPEKEDVSASGPSPEATQLAKQME
LEQAVEHIAKLAEASASAAKADAEPLAPEDRDKPAHQASETELAAGSIINDISGEPENFPAPPPYP
GESQTDLQPPAGAALQPSSEGMETDEAVSGILETEAATESRPPVNPADPSAGPTDTKEAGNSSETSH
SVPEAKGSKEVEVTLVRKDKGRQKTTTSRRKRNTNKKVVAPVESHPVSNQAQGESPAANEGTTVQHPEA
PQEEKQSEKPHSTPPQSCSDLSKIPSTENSSQEISVEERTPTKASVPPDLPPPQAPVDEEPQARFRV
HSIIESDPVTPPSDPSIPIPTLPSVTAACLSPPVASGGIPHQSPPTKVTEWITRQEEPRAQSTPSPALPP
DTKASDVDTSSSTLRKILMDPKYVSATSVTSTSVTTAIAEPVSAAPCLHEAPPPVDSKKPLEEKTAPPV
TNNSEIQASEVLVAADKEKVAPVIAPKITSVISRMPVSIIDLENSQKITLAKPAPQTLTGLVSALTGLVNV
SLVPVNALKGPKGSVTTLKSLVSTPAGPVNVLKGPNVLTGPVNVLTTPVNAVGTVNAAAGTVNAAAS
AVNATASAVTVTAGAVTAASGGVTATTGTVMAGAVIAPSTKCKQRASANENSFRHFGSMPVIDDRPADA
GSGAGLRVNTSEGVLLSYSGQKTEGPQRISAKISQIPPASAMDIEFQQSVSKSQVKPDSVTASQPPSKG
PQAPAGYANVATHSTLVLT AQTYNASPVISSVKADRP SLEKPEPIHL SVSTPVTQGGTVKVL TQGINTPP
VLVHNQLVLTPSIVTTNKKLADPVT LK IETKVLQPANLGSTLTPHHPALPSKLPTENVHVP SGPSIPAD
RTVSHLAAAKLDAHSRPSGPGPSSFPRAHPSSTASTALSTNATVMLAAGIPVPQFISSIHPEQSVIMP
PHSITQTVSLSHLSQGEVRMNTPTLPSITYSIRPEALHSPRAPLQPPQIEVRAPQRASTQPAPAGVPAL
ASQHPPEEEVHYHLPVARATAPVQSEVLVMQSEYRLHPYTVPRDVRIMVHPHVTAVSEQPRAADGVVKVP
PASKAPQPGKEAAKTPDAKAAPTTPAPVPVPLPAPAPAPHGEARILTVTPSNQLQGLPLTPPVVVT
HGVQIVHSSGELFQEYRYGDIRTYHPPAQLTHTQFPAASSVGLPSRTKTAQGGPPPEGEPLQPPQPVQST
QPAQPAPPCPPSQLGQPGQPPSSKMPQVSQEAAGTQTGVEQPRLPAGPANRPPEPHTQVQRAQAE TGPTS
FPSPVSVSMKPDLPVSLPTQTAPKQPLFVPTTSGPSTPPGLVLPHTFQPAKQDSSPHLTSQRPVDMVQ
LLKKYPIVWQGLLALKNDTAAVQLH FVSGNNVLAHRSLPLSEGGPPLRIAQRMRL EATQLEGVARRMTVE
TDYCLLLALPCGRDQEDVVSQTESLKAAFITYLQAKQAAGIINVNPNGSNQPAYVLQIFPPCEFS ESHLS
RLAPDLLASISNISPHLMIVIASV

TRTRPLE – GFP Tag – V

Restriction Sites:

SgfI-MluI

Cloning Scheme:



ACCN: NM_015001

ORF Size: 10992 bp

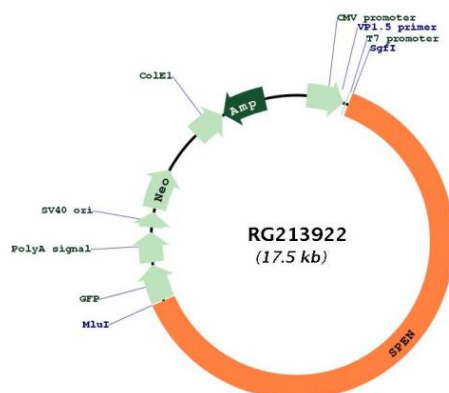
OTI Disclaimer: Due to the inherent nature of this plasmid, standard methods to replicate additional amounts of DNA in E. coli are highly likely to result in mutations and/or rearrangements. Therefore, OriGene does not guarantee the capability to replicate this plasmid DNA. Additional amounts of DNA can be purchased from OriGene with batch-specific, full-sequence verification at a reduced cost. Please contact our customer care team at custsupport@origene.com or by calling 301.340.3188 option 3 for pricing and delivery.

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:	<u>NM_015001.3</u>
RefSeq Size:	12227 bp
RefSeq ORF:	10995 bp
Locus ID:	23013
UniProt ID:	<u>Q96T58</u>
Cytogenetics:	1p36.21-p36.13
Domains:	RRM
Protein Families:	Druggable Genome
Gene Summary:	This gene encodes a hormone inducible transcriptional repressor. Repression of transcription by this gene product can occur through interactions with other repressors, by the recruitment of proteins involved in histone deacetylation, or through sequestration of transcriptional activators. The product of this gene contains a carboxy-terminal domain that permits binding to other corepressor proteins. This domain also permits interaction with members of the NuRD complex, a nucleosome remodeling protein complex that contains deacetylase activity. In addition, this repressor contains several RNA recognition motifs that confer binding to a steroid receptor RNA coactivator; this binding can modulate the activity of both liganded and nonliganded steroid receptors. [provided by RefSeq, Jul 2008]

Product images:



Circular map for RG213922