

Product datasheet for **RG234148**

ZNF812 (NM_001199814) Human Tagged ORF Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	ZNF812 (NM_001199814) Human Tagged ORF Clone
Tag:	TurboGFP
Symbol:	ZNF812
Synonyms:	ZNF812
Mammalian Cell Selection:	Neomycin
Vector:	pCMV6-AC-GFP (PS100010)
E. coli Selection:	Ampicillin (100 ug/mL)



[View online »](#)

ORF Nucleotide Sequence:

>RG234148 representing NM_001199814
 Red=Cloning site Blue=ORF Green=Tags(s)

TTTTGTAATACGACTCACTATAGGGCGGCCGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
 GCC**CGCATCGC**C

ATGGCAGTCACTGATTTGTCCCATGGGTTTTTCCAGGGAACCAATCTGCCCTTTGAAGAAAAGACAA
 AGATAGGAACGATGGTGGAGGACTACCTGGCAAATTTCTTATCAGGATTCAGTGACGTTTGATGATGTGGC
 TGTGGAGTTCACCCAGAGGAGTGGGCTTTACTGGACACAAGTGAAGAAATGCCTCTACAGAGATGTGATG
 TTGGAGAACTATGTGAACCTGGCCTCTGTGGAAGCTACAGTGGATGGAACTCTGAGAATTGTGGAGAGG
 TCTTCAGTGAATGGTTTTGCCTTAAACACACATGAGAGCTCAGAATGGAGGGAACATCTTTGAGGGTAA
 TTGTTATGAAAAGACATCCTCAGTGTGCACAAGGAAGCCTCTATTGGACAGGAACCTTCCAAATTTAAT
 CCATGTGGAAGTCTTCACCTTAAGTCCAGATCTTGTGCACATCTTGAATTCTCAATGCAAGACAAC
 CATAAAATGTAAGGAATGTAGAAAAGGCTTTAAGTATTTGCAAGCCTTGATAATCACATGGGAATCCA
 CATTGGAGAGAAATCTGTGAATTTAGGAATGTAGGAGAGCCATCACTATTCTCACACCTAAAGCAG
 TGTGTAACAGTTCATACTGGAAGAAATCTAAAAAGACTAAGAAACATGGGAAATCCTTCACTAATTTTT
 CTCAACTTTCTGCACATGTGAAAATTCATAAAGGAGAGAAGTCCTTTGAATGTAAGAATGTGGAAGATC
 CTTTAGAAATTCCTCATCCTTTAATGTTACATTCAAATTCACACTGGAATAAAACCACACAAATATACG
 GAATGTGGGAAAGCCTTCACTAGGTCAACTCACCTTACTCAACATGTAAGAACTCACACTGGAATAAAAC
 CCTATGAATGTAAGGAATGTGGCAAGCCTTCACTCAGTACACGGGCCTTGCTATACACATACGAAATCA
 CACTGGAGAGAAACACTATCAGTGAAGGAATGTGGGAAAGCCTTCAATGGATCCTCAACCTTACTCAA
 CATAAAATAATTCACACAGGAGAGAAGCCTTATGGATGTGTTGAATGTGGGAAGACCTTCATTACTTCTT
 CCTATCGTAGTAAACATTTGAAAACCTCACCATGAAGAAAGGCCCTTTGTATGCAAGATATGTGGGAAAGC
 ATTTCTATATTCCTCACCCCTTAATGTTACCTGCAAACTCATACCAGAGAGAAAAGCCCTCATATGTAAA
 GAATGTGGGAAAGCTTTTGTGTTCTCACACCTAAGTAGACATGAAAGAATTCACACTGGGGAGGAAC
 CCTATGAATATAAGGTATGAATGTTACCATT

ACGCGTACGCGGCCGCTCGAG – GFP Tag – GTTTAA

Protein Sequence:

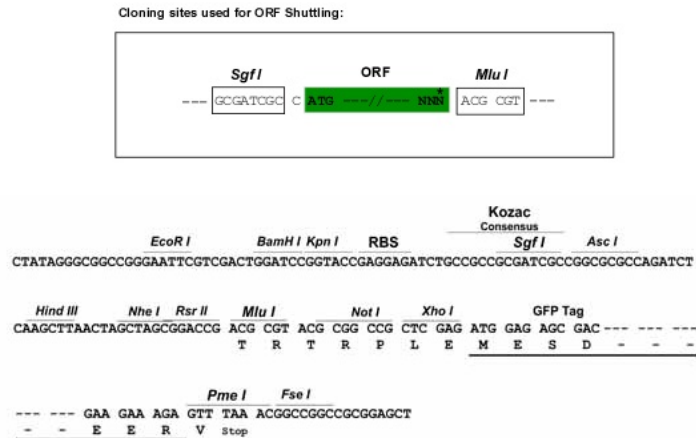
>RG234148 representing NM_001199814
 Red=Cloning site Green=Tags(s)

MAVTDLSHGFFPREPICPFEEKTKIGTMVEDYLANSYQDSVTFDDVAVEFTPEEWALLDTTEKCLYRDVM
 LENYVNLASVEATVDGNSENCGEVSEWFCLKTHMRAQNGGNIFEGNCYGKDILSVHKEASIGQELSKFN
 PCGKVFTLTPDLAAHLGILNARQPYKCKEKRKFYFASLDNHMGIHIGEFCEFCERRAITHSSHLKQ
 CTVVHTGKSKKTKKHGKSFTNFSQLSAHVKIHKGEKSFECKEGRSFRNSSSFNVHIQIHTGIKPHKYT
 ECGKAFTRSTHLTQHVRTHTGIKPYECKEQAFQTQYTGIAIHRNHTGEKHYQCKEKGAFNGSSTLTQ
 HKIHTGEKPYGCVCEGKTFITSSYRSKHLKTHHEERPFVCKICGKAFLYSSPLNVHLQHTTREKALICK
 ECGKAFVSSHLRHERIHTGEEPYEYKGMNVTI

TRTRPLE – GFP Tag – V

Restriction Sites:

SgfI-MluI

Cloning Scheme:


ACCN: NM_001199814

ORF Size: 1362 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_001199814.1](#), [NP_001186743.1](#)

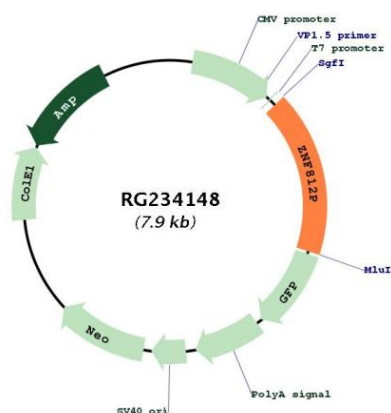
RefSeq Size: 2011 bp

RefSeq ORF: 1365 bp

Locus ID: 729648

Cytogenetics: 19p13.2

Product images:



Circular map for RG234148