

Product datasheet for **RG223727**

ZNF266 (NM_198058) Human Tagged ORF Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	ZNF266 (NM_198058) Human Tagged ORF Clone
Tag:	TurboGFP
Symbol:	ZNF266
Synonyms:	HZF1
Mammalian Cell Selection:	Neomycin
Vector:	pCMV6-AC-GFP (PS100010)
E. coli Selection:	Ampicillin (100 ug/mL)



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ORF Nucleotide Sequence:

>RG223727 representing NM_198058
 Red=Cloning site Blue=ORF Green=Tags(s)

TTTTGTAATACGACTCACTATAGGGCGGCCGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
 GCC**CGGATCGCC**

ATGCTGGAGAACTACAAGAATTTGGCCACAGTAGGATATCAGCTCTTCAAACCCAGTCTGATCTCTTGGC
 TGGAAACAAGAAGAGTCTAGGACAGTGCAGAGAGGTGATTTCCAAGCTTCAGAATGGAAAGTCAACTTAA
 AACCAAAGAGTTAGCCCTTCAGCAGGATGTTTTGGGGAGCCAACCTCCAGTGGGATTCAAATGATAGGA
 AGCCACAACGGAGGGGAGGTGAGTGTAAAGCAATGTGGAGATGTCTCCAGTGAACACTCATGCCTTA
 AGACACATGTGAGAACTCAAAATAGTGAGAACACATTTGAGTGTATCTGTATGGAGTAGACTTCCTTAC
 TCTGCACAAGAAAACCTCTACTGGAGAGCAACGTTCTGTATTTAGTCAGTGTGAAAAGCCTTCAGCCTG
 AACCCAGATGTTGTTGCCAGAGAACGTGCACAGGAGAGAAAGCTTTTGATTGCAGTGACTCTGGGAAAT
 CCTTCATTAATCATTACACCTTCAGGGACATTTAAGAACTCACAAATGGAGAAAGTCTCCATGAATGGAA
 GGATGTGGGAGAGGCTTTATTCCTCCACAGACCTTGCTGTGCGTATACAACTCACAGGTCAGAAAAA
 CCCTACAAATGTAAGGAATGTGGAAAAGGATTTAGATATTCGCATACCTTAATATTACATGGGAACCC
 ACACTGGAGACAATCCCTATGAGTGAAGGAGTGTGGAAAGCCTTCACCAGGTCTTGCAACTTACTCA
 GCACAGAAAACTCACACTGGAGAGAAACCTTATAAATGTAAGGATTGTGGGAGAGCCTTCACTGTTTCC
 TCTTGCTTAAGTCAACATATGAAAATCCATGTGGGTGAGAAGCCTTATGAATGCAAGGAATGTGGGATAG
 CCTTCACTAGATCTTCTCAACTTACTGAACATTTAAAACTCACACTGCAAAGGATCCCTTTGAATGTAA
 GATATGTGGAAAATCCTTTAGAAATTCCTATGCCTCAGTGATCACTTTTGAATTCACACTGGAATAAAA
 CCCTATAAATGTAAGGATTGTGGAAAAGCCTTCACTCAGAAGTCAAGCCTTACTAAGCATGCACGAACTC
 ACAGTGGAGAGAGGCCCTATGAATGTAAGGAATGTGGAAAAGCCTTTGCCAGATCCTTCGCCTTAGTGA
 ACATACAAGAAGTCACTGGAGAGAAGCCTTTTGAATGTGCAATGTGGAAAAGCCTTTGCTATTCTCT
 TCAAATCTTAGTGGACATTTGAGAATTCACACTGGAGAGAAGCCCTTTGAGTGCCTGGAATGTGGTAAAG
 CATTTACGCATTCCTCCAGTCTTAATAATCACATGCGGACCCACAGCGCCAAAAAACCATTCACGTGTAT
 GGAATGTGGCAAAGCTTTAAGTTTCCACGTGTGTTAACCTTCACATGCGGATCCACACTGGAGAAAAA
 CCCTACAAATGTAACAGTGTGGAAAATCCTTCAGTTACTCCAATTCGTTTCAGTTACATGAACGAACTC
 ACACTGGAGAGAAACCTATGAATGTAAGGAGTGCAGGAAAGCCTTCAGTCTTCCAGTTCCTTTGAAA
 TCATGAAAGAAGGCATGCGGATGAGAGACTGTCAGCA

ACGCGTACGCGGCCGCTCGAG - GFP Tag - GTTTAA

Protein Sequence:

>RG223727 representing NM_198058
 Red=Cloning site Green=Tags(s)

MLENYKNLATVGYQLFKPSLISWLEQEEESRTVQRGDFQASEWKVQLKTELALQQDVLGEPTSSGIQMIG
 SHNGGEVSDVKQCGDVSSEHSCLKTHVRTQNSENTFECYLYGVDFLTLHKKSTSTGEQRSVFSQCGKAFSL
 NPDVVCQRTCTGEKAFDCSDSGKSFINHSHLQGHRLRTHNGESLHEWKECGRGFHSTD LAVRIQTHRSEK
 PYKCKEKGKGFYSAYLNIHMGHTGDNPYECKEKGKAFTRSCQLTQHRKTHTGEKPYKCKDCGRAFTVS
 SCLSQHMKIHVGEKPYEKECGIAFTRSSQLTEHLKTHAKDPFECKICGKSFRNSSCLSDHFRIHTGKIK
 PYKCKDCGKAFTQNSDLTKHARTHSGERPYECKEKGKAFARSSRLSEHTRTHTGEKPFECVKCGKAFKAI
 SNLSGHLRIHTGEKPFECLECGKAFTHSSLNHMRTS AKKPFTEMECGKAFKFPTECVNLHMRIHTGEK
 PYKCKQCGKSFYSNSFQLHERHTHTGEKPYECKEKGKAFSSSSFRNHERRHADERLSA

TRTRPLE - GFP Tag - V

Restriction Sites:

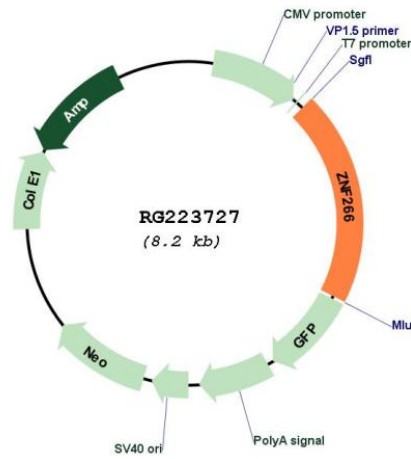
Sgfl-MluI

Cloning Scheme:

Cloning sites used for ORF Shutting:



Plasmid Map:



ACCN:	NM_198058
ORF Size:	1647 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:	NM_198058.1 , NP_932175.1
RefSeq Size:	3338 bp
RefSeq ORF:	1649 bp
Locus ID:	10781
Cytogenetics:	19p13.2
Protein Families:	Transcription Factors
Gene Summary:	This gene encodes a protein containing many tandem zinc-finger motifs. Zinc fingers are protein or nucleic acid-binding domains, and may be involved in a variety of functions, including regulation of transcription. This gene is located in a cluster of similar genes encoding zinc finger proteins on chromosome 19. Alternative splicing results in multiple transcript variants for this gene. [provided by RefSeq, Sep 2012]