

## Product datasheet for **RG221349**

### HSZFP36 (ZNF823) (NM\_001080493) Human Tagged ORF Clone

#### Product data:

Product Type:	Expression Plasmids
Product Name:	HSZFP36 (ZNF823) (NM_001080493) Human Tagged ORF Clone
Tag:	TurboGFP
Symbol:	HSZFP36
Synonyms:	HSZFP36
Mammalian Cell Selection:	Neomycin
Vector:	pCMV6-AC-GFP (PS100010)
E. coli Selection:	Ampicillin (100 ug/mL)



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**ORF Nucleotide Sequence:**

>RG221349 representing NM\_001080493  
 Red=Cloning site Blue=ORF Green=Tags(s)

TTTTGTAATACGACTCACTATAGGGCGGCCGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC  
 GCCCGCATCGCC

ATGGACTCAGTGGCCTTTGAAGATGTGGCTGTGAACCTCACACAAGAGGAGTGGCCTTTGCTGGGTCCAT  
 CACAGAAGAGTCTCTACAGAAATGTCATGCAGGAAACCATTAGGAACCTGGACTGTATAGAAATGAAATG  
 GGAGGACCAGAACATTGGAGATCAGTGCCAAAATGCCAAGAGAAATCTAAGAAGTCATACATGTGAAT  
 AAAGATGACAGTCAATGTGGAGAACTTTTGGCCAGATCCAGATAGTATTGTGAACAAGAACACTCCTC  
 GAGTAAATCCATGTGACAGTGGTGTGAGTGTGGAGAAGTCGCTTGGGTCAATTCGTCCTTAATTGCAACAT  
 CAGAGTTGACACTGGACACAAATCATGTGAGCATCAGGAATATGGAGAGAAGCCATATACACATAAACAA  
 CGTGGGAAAGCCATCAGTCATCAGCACTCCTCCAGACACATGAAAGGCCCCACCAGGAAAGAACCCCT  
 TCGATTGTAAGAATGTGCAAAAACCTTAGTTCTCTTGGAAACCTCCGAAAGACACATGGCGGCACACCA  
 TGGAGATGGACCTTATAAATGTAAGTTGTGTGGGAAAGCCTTTGTTTGGCCAGTTTATTTCAATTTGCAC  
 GAAAGAACACACACTGGAGAGAAACCGTATGAATGTAAGCAGTGTCTAAAGCCTTTCCTTTTACAGTT  
 CCTATCTAAGACATGAAAGAATCCACACGGGAGAGAAAGCGTATGAATGTAAGCAGTGTCCAAAGCCTT  
 TCCTGATTACAGTACCTATCTAAGACATGAGAGAACTCACACCGGAGAGAAACCCATAAATGTACACAA  
 TGTGGGAAAGCCTTCAGCTGTTACTATTACACTCGACTACATGAAAGGACTCACACGGGAGAAACCCCT  
 ATGCATGTAAGCAATGTGGGAAAACGTTTTATCATCACACAAGCTTTGAAAGACACATGATAAGGCACAC  
 TGGAGACGGACCACATAAATGTAAGATATGTGGGAAAGCCTTTGATTGCCTAGTTCAGTTCGAAATCAT  
 GAAACTACTCACACTGGAGAGAAACCCATGAATGTAAGCAGTGTGGGAAAGTGTATCTCATAGCTCGA  
 GCTTTGCAAGTCACATGATAACACACACAGGAGATGGACCCAGAAATGCAAGATATGTGGGAAAGCCTT  
 TGTTTGTCCAGTTTATTTCAAAGACATGAAAGGACTCACACTGGAGAGAAACCCATCAATGTAACACAA  
 TGTGGTAAAGCCTTCAGTCTTGCCTTCCCTTGAAGACATGAAGCAACTCACACTGGAGTGAACCCCT  
 ATAAATGTCAGTGTGGGAAAGCCTTTAGTGATCTCTTCTTCTTCAAATCATGAGACAACCTCACACTGG  
 AGAGAAGCCATATGAGTGTAAAGGAATGTGGGAAAGCATTAGTGTCTTCAAATACCTTTCTCAACATAAA  
 AGGACCCACACAGTAGAAAAACCTTATGAGTGTAAAACATGTAGAAAAGCCTTCAGTCATTTAGTAACT  
 TAAAAGTCCATGAAAGGATTCACCTCTGGAGAGAAGCCATATGAATGTAAGGAATGTGGAAAAGCATTCTC  
 TTGGCTCACTTGCCTTCTACGACATGAAAGAATTCACACTGGAGAGAAACCCATGAATGTCTACAATGT  
 GGTAAAGCCTTCACTCGTCCCGTTTCTTCGAGGACATGAAAAACTCACACTGGAGAGAAAGCTGTATG  
 AATGTAAGGAATGTGGGAAAGCATTGAGTCTCTCCGTTCTTGCATAGACATAAAAGGACTCACTGGAA  
 AGATACTCTC

ACGCGTACGCGGCCGCTCGAG - GFP Tag - GTTTAA

**Protein Sequence:**

>RG221349 representing NM\_001080493  
 Red=Cloning site Green=Tags(s)

MDSVAFEDVAVNFTQEEWALLGPSQKSLYRNVMQETIRNLDCEMKWEDQNIQDQCQNAKRNLRSHTC  
 KDDSQCGETFQIPDSIVNKNTPRVNPDCSSEGEVVLGHSSLNCNIRVDTGHKSCEHQEYGEKPYTHKQ  
 RGKAIHQHSFQTHEPPTGKKPFDCKECAKTFSSLGNLRRHMAAHHGDPYKCKLCGKAFVWPSLFHLH  
 ERTHTGEKPYECKQCSKAFPFYSSYL RHERIHTGEKAYECKQCSKAFPDYSTYL RHERHTHTGEKPYKCTQ  
 CGKAFSCYYYTRLHERHTGEQPYACKQCGKTFYHHTSFRRHMI RHTGDGPHKCKICGKGFDCPSSVRNH  
 ETHTHTGEKPYECKQCGKVL SHSSFRSHMITHTGDGPQCKICGKAFGCPSLFQRHERHTHTGEKPYQCKQ  
 CGKAFSLAGSLRRHEATHGTGKPYKQCGKAFSDLSSFNHETHTHTGEKPYECKEKGKAFSCFKYLSQHK  
 RHTHTVEKPYECKTCRKAFFSHFSLNKHVHERIHSGEKPYECKEKGKAFSWLTCLLRHERIHTHTGEKPYECLQ  
 GKAFTRSRFLRGHEKHTHTGEKLYECKEKGKALSSLRSLHRHRKTHWKDTL

TRTRPLE - GFP Tag - V

**Restriction Sites:**

Sgfl-MluI

**Cloning Scheme:**


**ACCN:** NM\_001080493

**ORF Size:** 1830 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\\_001080493.4](#)

**RefSeq Size:** 2368 bp

**RefSeq ORF:** 1833 bp

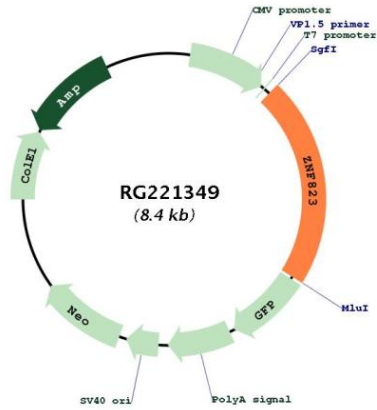
**Locus ID:** 55552

**UniProt ID:** [P16415](#)

Cytogenetics: 19p13.2

Gene Summary: May be involved in transcriptional regulation.[UniProtKB/Swiss-Prot Function]

**Product images:**



Circular map for RG221349