

Product datasheet for **RG238919**

HSZFP36 (ZNF823) (NM_017507) Human Tagged ORF Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	HSZFP36 (ZNF823) (NM_017507) 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:

>RG238919 representing NM_017507.
 Blue=ORF Red=Cloning site Green=Tag(s)

```
GCTCGTTTAGTGAACCGTCAGAATTTTGTAAACGACTCACTATAGGGCGGCCGGGAATTCGTGACTG
GATCCGGTACCGAGGAGATCTGCCGCCCGGATCGCC
ATGAAATTGGGAGGACCAGAACATTGGAGATCAGTGCCAAAATGCCAAGAGAAATCTAAGAAGTCATACA
TGTGAAATTAAGATGACAGTCAATGTGGAGAAACTTTTGGCCAGATCCAGATAGTATTGTGAACAAG
AACACTCCTCGAGTAAATCCATGTGACAGTGGTGTGAGTGTGGAGAAGTCGTCTGGGTCAATCGTCTCTT
AATTGCAACATCAGAGTTGACACTGGACACAAATCATGTGAGCATCAGGAATATGGAGAGAAGCCATAT
ACACATAAAACAACGTGGGAAAGCCATCAGTCATCAGCACTCCTTCCAGACACATGAAAGGCCCCACC
GGAAAGAAACCCTTCGATTGTAAGAATGTGCAAAAACCTTTAGTTCTCTTGGAAACCTCCGAAGACAC
ATGGCGGCACACCATGGAGATGGACCTTATAAATGTAAGTTGTGTGGGAAAGCCTTTGTTGGCCAGT
TTATTTCAATTTGCACGAAAGAACACACTGGAGAGAAACCGTATGAATGTAAGCAGTGTCTAAAGCC
TTTCTTTTACAGTTCCTATCTAAGACATGAAAGAATCCACACGGGAGAGAAAGCGTATGAATGTAAG
CAGTGTCCAAAGCCTTCTGATTACAGTACCTATCTAAGACATGAGAGAACTCACACCGGAGAGAAA
CCCTATAAATGTACACAATGTGGGAAAGCCTTCAGCTGTTACTATTACACTCGACTACATGAAAGGACT
CACACGGGAGAACAACCTATGCATGTAAGCAATGTGGGAAAACGTTTTATCATCACACAAGCTTTCGA
AGACACATGATAAGGCACACTGGAGACGGACCACATAAATGTAAGATATGTGGGAAAGCCTTGTATTGT
CCTAGTTCAGTTCGAAATCATGAACTACTCACACTGGAGAGAAACCTATGAATGTAAGCAGTGTGGG
AAAGTGTATCTCATAGCTCGAGCTTTCGAAGTCACATGATAACACACACAGGAGATGGACCCAGAAA
TGCAAGATATGTGGGAAAGCCTTTGGTTGTCCCAGTTTATTTCAAAGACATGAAAGGACTCACACTGGA
GAGAAACCCTATCAATGTAACAATGTGGTAAAGCCTTCAGTCTTGCCGGTCCCTTCGAAGACATGAA
GCAACTCACACTGGAGTAAACCCTATAAATGTCAGTGTGGGAAAGCCTTTAGTGATCTCTCTCTTTT
CAAAATCATGAGACAACCTCACACTGGAGAGAAAGCCATATGAGTGTAAAGGAATGTGGGAAAGCATTCA
GTTTCAAAATACCTTTCTCAACATAAAAGGACCCACACAGTAGAAAAACCTTATGAGTGTAAAAATGT
AGAAAAGCCTTCAGTCATTTAGTAACTTAAAAGTCCATGAAAGGATTCCTCTGGAGAGAAGCCATAT
GAATGTAAGGAATGTGGGAAAGCATTCTCTGGCTCACTTGCCTTCTACGACATGAAAGAATTCACACT
GGAGAGAAACCCTATGAATGTCTACAATGTGGTAAAGCCTTCAGTCTCCCGTTTCTTCGAGGACAT
GAAAAAAGTCACTGGAGAGAAGCTGTATGAATGTAAGGAATGTGGGAAAGCATTGAGTCTCTCCGT
TCCTTGCATAGACATAAAAGGACTCACTGGAAAGATACTCTC
ACGCGTACGCGGCCGCTCGAG - GFP Tag - GTTTAAAC
```

Protein Sequence:

>Peptide sequence encoded by RG238919
 Blue=ORF Red=Cloning site Green=Tag(s)

```
MKWEDQNI GDQCQNAKRNLRSHTCEIKDSSQCGETFGQIPDSIVNKNTPRVNPDCSGECGEVVLGHSSL
NCNIRVDTGHKSCHEQEYGEKPYTHKQRGKAISHQHSFQTHERPPTGKPFDCKECAKTFSSLGNLRRH
MAAHGDPYKCKLGGKAFVWPSLFLHERHTGKPYECKQCSKAFPFYSSYL RHERIHTGEKAYECK
QCSKAFDPYSTYLRHERHTGKPYKCTQCGKAFSCYYYTRLHERHTGEPYACKQCGKTFYHHTSFR
RHMIRHTGDGPHKCKICGKGFDCPSSVRNHETHTGKPYECKQCGKVLSHSSSFRSHMITHTGDGPQK
CKICGKAFGCPSLFRHERHTGKPYQCKQCGKAFSLAGSLRRHEATHTGVKPYKQCGKAFSDLSSF
QNHEHTHTGKPYECKECKGAFSCFKYLSQHKRHTVEKPYECKTCRKAFSHFSNLKVHERIHSGEKPY
ECKECKGAFSWLTCLLRHERIHTGKPYECLQCGKAFTRSRLRGHEKHTGKELYECKECKGALSSLR
SLHRHKRTHWKDTL
TRTRPLEMESDESGLPAMEIECRITGTLNGVEFELVGGEGTPEQGRMTNKMSTKGALTFSPYLLSHV
MGYGFYHFGTYPSGYENPFLHAINNGGYNTRIEKYEDGGVLHVFSYRYEAGRVIGDFKVMGTGFPE
SVIFTDKIIRSNAIVEHLHPMGDNDLDGSFTRTFLRDGGYSSVVD SHMHFKSAIHP SILQNGGPMFA
FRRVEEDHSNTELGIVEYQHAFKTPDADAGEERV
```

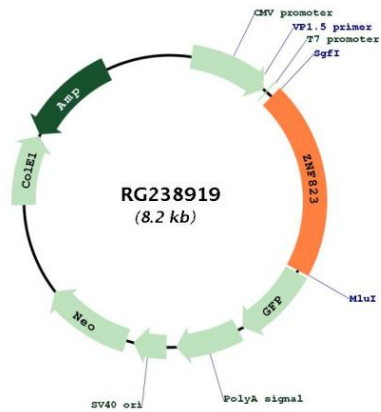
Restriction Sites:

SgfI-MluI

Cloning Scheme:


- ACCN:** NM_017507
- ORF Size:** 1698 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).
- RefSeq:** [NM_017507.2](#)
- RefSeq Size:** 2351 bp
- RefSeq ORF:** 1701 bp
- Locus ID:** 55552
- UniProt ID:** [P16415](#)
- Cytogenetics:** 19p13.2
- MW:** 65.6 kDa
- Gene Summary:** May be involved in transcriptional regulation.[UniProtKB/Swiss-Prot Function]

Product images:



Circular map for RG238919