

Product datasheet for **RC239871**

ZNF316 (NM_001278559) Human Tagged ORF Clone

Product data:

Product Type:	Expression Plasmids
Tag:	Myc-DDK
Symbol:	ZNF316
Synonyms:	MZF-3
Mammalian Cell Selection:	Neomycin
Vector:	pCMV6-Entry (PS100001)
E. coli Selection:	Kanamycin (25 ug/mL)



ORF Nucleotide Sequence: >RC239871 representing NM_001278559
 Red=Cloning site Blue=ORF Green=Tags(s)

TTTTGTAATACGACTCACTATAGGGCGGCCGGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
GCCGCGATCGCC

[illegible]

AGCGGACCGACGCGTACGCGCCGCTCGAGCAGAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCC
TGGATTACAAGGATGACGACGATAAGGTTTAA

Protein Sequence:

>RC239871 representing NM_001278559

Red=Cloning site Green=Tags(s)

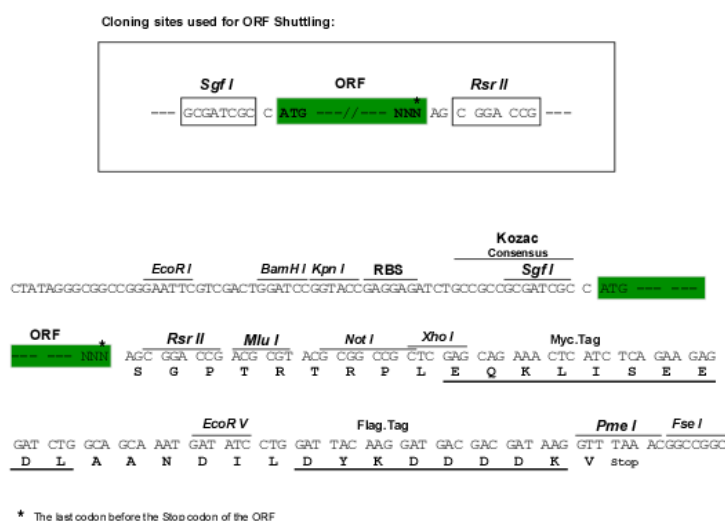
MAALHTTPDSPAQAQLERAEDGSECDPDQEEEEEEEEKEEVQVEVEEEEEIVVEEEEEGVAEVVQDAQVE
AVAEEVEADVEEEDVKEVLAEEECPALGTQERLSRGDAKSPVLQEKGLQASRAPATPRDEDL EEEEE
EDEDDEDLTAGCQELVTFEDVAVYFSLEEWERLEADQRLGYEQVMQENYGILVSLGYPIKPDILFRE
EQGEPWPVPSRPREEGDITVGYVTGAWFWDJIEDHEEDEDFLAEVAEEENEPGLWSAAAYGVGDVP
GTWGPDDSDSAQTPEGWGPDPGGLGVLADGSEAKPFLPGREPANLLSPWAFPAAVAPPAGRPETTCDVC
GKVFPHRSLAKHQRYHAAVKPFGCEECGKFVYRSHLAIHQRTHTGEKPFPCPDGKRVFVYKSHLVTHR
RIHTGERPYRCAQFCAGFGRSSYLVTHQRTHTGERPYSCHCGRSFQSQUALRHQAVTADPHCCPDR
QAFRLRADFRQRRHRGGGCAEAGDGPRRPEGTAAAGPDDTDPGEGSEVGEADGEAEAAEEEREAAA
VAAPTSPGKVDPAERRFLELGNLGEGERPSSHPLGFHFVPHKSWLHPDSFPIGLPDFRERLPVDGR
PLPAPLGGPLSLVEGTGLACDPFGGGGAAGGGGLRAFGPAIGLLAEPAPAALAEESPWICSDCGKTF
GRRALAKHQRYHAGERPHRCADCGKSFVYGSHLARHRRTHTERPFPCECGARFARGSHLAHVRGHT
GEKPFVCGVCGAGFSRRAHLTAHGRAHTGERPYACGECGRRFQSAALTRHQWAAHEEKPHRCPDCGKGF
GHSSDFKRRHRTHTGEKPFRCACDGRGFAQRSNLAKHRRGHTGERPFPCECGKRFQSRSVLVTHQRTH
TERPYACACGRRFSQSSHLTHMKTTHRGATAAPGSGSAPAPKPEAAAGPSSAGPGERGSALLEFAG
GSFYGSEHQAAPGSPSAAREGL

SGPTRTRPLEOKLISEEDLAANDILDYKDDDDKV

Restriction Sites:

Sgfl-RsrII

Cloning Scheme:



* The last codon before the Stop codon of the ORF

ACCN:

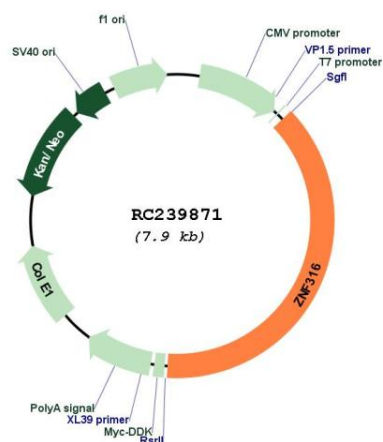
NM_001278559

ORF Size:

3012 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.
Note:	Plasmids are not sterile. For experiments where strict sterility is required, filtration with 0.22um filter is required.
RefSeq:	NM_001278559.2
RefSeq Size:	7239 bp
RefSeq ORF:	3015 bp
Locus ID:	100131017
UniProt ID:	A6NFI3
Cytogenetics:	7p22.1
MW:	108.9 kDa
Gene Summary:	May be involved in transcriptional regulation.[UniProtKB/Swiss-Prot Function]

Product images:



Circular map for RC239871