

Product datasheet for **RC238875**

ZNF92 (NM_001287532) Human Tagged ORF Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	ZNF92 (NM_001287532) Human Tagged ORF Clone
Tag:	Myc-DDK
Symbol:	ZNF92
Synonyms:	HEL-203; HPF12; HTF12; TF12
Vector:	pCMV6-Entry (PS100001)
E. coli Selection:	Kanamycin (25 ug/mL)
Cell Selection:	Neomycin



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ORF Nucleotide Sequence:

>RC238875 representing NM_001287532
 Red=Cloning site Blue=ORF Green=Tags(s)

TTTTGTAATACGACTCACTATAGGGCGGCCGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
 GCC**CGCATCGCC**

ATGGGACCACTGACATTTAGGGATGTGAAAATAGAATTCTCTCTAGAGGAATGGCAATGCCTGGACACTG
 CGCAGCGGAATTTATATAGAGATGTGATGTTAGAGAACTACAGAAACCTGGTCTTCTTGTATGTGTTT
 TCATTTTGCCCAAGATGTTTGGCCAGAGCACAGCATAAAAAGATTCTTTCCAAAAAGTGATACTGAGAACA
 TATGGAAAATATGGACATGAGAATTTACAGCTAAGAAAAGACCATAAAAAGTGTGGATGCATGTAAGGTGT
 ACAAAGGAGGTTATAATGGACTTAACCACTGTTTGAACACTACTGACAGCAAGATATTTCACTGTGATAA
 ATATGTGAAAAGTCTTTCATAAATTTCCAAATGTAATAGAATAAGATAAGACATACTGGAAAGAAACCT
 TTCAAATGTA AAAACCGTGGCAATCATTTTGCATGCTTTCACAATTAACCAACATAAGAAAATTCATA
 CTAGAGAGTATTCTTACAATGTGAAGAATGTGGTAAAGCCTTTAACTGGTCTCAACCTTACTAAACA
 TAAGATAATTCATACTGGAGAAAAACCTACAATGTGAAGAATGTGGCAAAGCTTTAAACCGTCTCA
 AATCTTACTAAACATAAAAATAATTCATACTGGAGAGAAACCTACAATGTGAAGAATGTGGCAAAGCTT
 TTAACCGTCTCAACCTTACTAAACATAAAAAGAAATTCATACAGAAGAGAAACCTACAATGTGAAGA
 ATGTGGCAAGGCCTTTAACCACTTCTCGATTCTTAATAACATAAGAGAATTCATATGGAAGATAAACCC
 TACAAATGTGAAGAATGTGGCAAAGCCTTTAGAGTATTCTCAATCTTAAAAACATAAGATAATCCATA
 CTGGGGAAAAACCATACAATGTGAAGAATGTGGCAAAGCCTTTAACCACTTCTCAACCTTACTAAACA
 TAAGATAATTCATACTGGAGAGAAACCTACAATGTGATGAATGTGGCAAAGCCTTTAACCACTCTCA
 ACCCTTACTAAACATAAAAAGAAATTCATACGGGAGAAAAACCTACAATGTGAAGAATGTGGCAAAGCTT
 TTAACCACTCTCAACCTTACTGAACATAAGATAATTCATACTGGAGAGAAACCTACAATGTGAAAA
 ATGTGGCAAAGGCCTTTAGCTGGTCTCAGCTTTTACTAAACATAAGAGAATCATATGGAAGATAAACCC
 TACAAATGTGAAGAATGTGGCAAAGCCTTTAGTGTATTCTCAACCTTACTAAACATAAAAATAATTCATA
 CTAGAGAAAAACCTACAATGTGAAGAATGTGGCAAAGCCTTTAACCACTCTCAATTTTACTAAACA
 TAAGATAATTCACACTGAAGGAAATCTACAATGTGAAAAATGTGGCAATGCTTTTAAACCACTCTCA
 AACCTTACTGCACGTAAGATAATTTACTGGAGAGAAACCTACAATATGAAGAATGTGACAAAGCCT
 TTAACAAGTTCTCAACCTTATTACACATCAGATAATTTACTGGAGAGAAACCTGCAACATGAATG
 TGGCAGAGCCTTTAAACAATCTCAATTTACTAAAGAGAACTACAAACC

ACGCGTACGCGGCCGCTCGAGCAGAAACTCATCTCAGAAGAGGATCTGGCAGCAATGATATCCTGGATT
 ACAAGGATGACGACGATAAGGTTTAA

Protein Sequence:

>RC238875 representing NM_001287532
 Red=Cloning site Green=Tags(s)

MGPLTFRDVKIEFSL EEWQCLDTAQRNL YRDVMLENYRNLVFLVMCSHFAQDVWPEHSIKDSFQKVI LRT
 YGKYGHENLQLRKDHKSV DACKVYKGGYNL NQCLTTTDSKIFQCDKYVKVFHKFPNVRNKRIRHTGKKP
 FKCKNRGKSF CMLSQLTQHKKIHTREYSYKCEECGKAFNWSSTLTKHKI IHTGEKPYKCEECGKAFNRSS
 NLTKHKI IHTGEKPYKCEECGKAFNRSSLT KHKRIHTEEPYKCEECGKAFNQFSILNKHKRIH MEDKP
 YKCEECGKA FRVFSILKHKI IHTGEKPYKCEECGKAFNQFSNLTKHKI IHTGEKPYKCEECGKAFNQSS
 TLTKHKRIHTGEKPYKCEECGKAFKQSSTL TEHKI IHTGEKPYKCEKCGKAFSWSSAFTKHKRNH MEDKP
 YKCEECGKA FSVFSTLTKHKI IHTREKPYKCEECGKAFNQSSIFTKHKI IHTEGKSYKCEKGNAFNQSS
 NLTARKI IYTGKPYKYEECDKAFNKFSTLITHQI IYTGKPKHECGRAFKNSSNYTKEKLQT

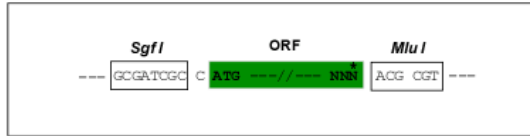
TRTRPLEQKLISEEDLAANDILDYKDDDDKV

Restriction Sites:

SgfI-MluI

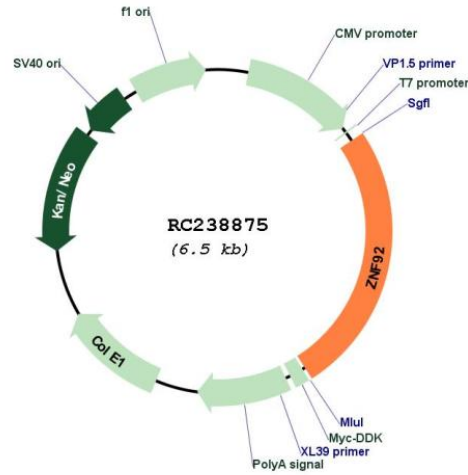
Cloning Scheme:

Cloning sites used for ORF Shuttling:



* The last codon before the Stop codon of the ORF

Plasmid Map:



ACCN:	NM_001287532
ORF Size:	1662 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_001287532.1 , NP_001274461.1
RefSeq Size:	3124 bp
RefSeq ORF:	1665 bp
Locus ID:	168374
UniProt ID:	Q03936
Cytogenetics:	7q11.21
Protein Families:	Transcription Factors
MW:	65.2 kDa
Gene Summary:	May be involved in transcriptional regulation.[UniProtKB/Swiss-Prot Function]