

Product datasheet for **RC225699**

ZNF562 (NM_001130031) Human Tagged ORF Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	ZNF562 (NM_001130031) Human Tagged ORF Clone
Tag:	Myc-DDK
Symbol:	ZNF562
Vector:	pCMV6-Entry (PS100001)
E. coli Selection:	Kanamycin (25 ug/mL)
Cell Selection:	Neomycin
ORF Nucleotide Sequence:	>RC225699 representing NM_001130031 Red=Cloning site Blue=ORF Green=Tags(s)

TTTTGTAATACGACTCACTATAGGGCGGCCGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
GCC**CGATCGCC**

ATGTCAGCCTTTGATATGTCCATGGGTTTTTCCAGGGAACCAATCTGTCCTTTGAAGAAAAGACAA
AGATAGGAACGATGGTAGAGGACCACCGGTCAAATTCCTACCAGGATTCAGTGACGTTTGTATGATGTGGC
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CTAGAACCAAACGGTCATCACTTCAGCAGGGTTTTTGAAGAATCAAATATTCAGTGGGATACAAATGCA
GACAAGAAGCTACAGTGGATGGAACCTCTGTGAGAATTGTGGAGAGGTCTTCAGTGAACAGTTTTGCCTT
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ATCAACTCACCTTACTCAACATGTAAGAACTCACACTGGAATAAAACCCTATGAATGTAAGGAATGTGGC
CAAGCCTTCACTCAGTACACGGCCTTGCTATACACATACGAAATCACACTGGAGAGAAACCCTATCAGT
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GAAGCCTTATGAATGTGTTGAATGTGGGAAAGACCTTACTTCTTCCCATCGTAGTAACATTTGAAA
ACTCACAGTGGAGAAAGG

ACGCGTACGCGGCCGCTCGAGCAGAAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT
ACAAGGATGACGACGATAAGGTTTAA



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Protein Sequence: >RC225699 representing NM_001130031
Red=Cloning site Green=Tags(s)

MSAFDMSHGFFPREPICPFEEKTKIGTMVEDHRSNSYQDSVTFDDVAVEFTPEEWALLD TTQKYL YRDVM
 LENYMNLASVDFFFCLTSEWEIQPRTKRSSLQQGFLKNQIFTGIQMOTRSYSGWKL CENCGEV FSEQFCL
 KTHMRAQNGGNTFEGNCYGKDSISVHKEASIGQELSKFNPCGKVF TLPGLAVHLEILNGRQPYKCKECCG
 KGFKYFASLDNHMGIHI GEKLC EFCERAITTSSH LKQCVAVHTGKKSEKTKNCGKSF TNFSQLSAHAK
 THKGEKSF ECKGRSFRNSSFNVHIQIHTGIKPHKTECGKAFTRSTHLTQHVRHTHTGIKPYECKECCG
 QAF TQY TGLAIHIRNHTGEKPYQCKE CGKAFNRSSTLTQHRR IHTGEKPYECV ECGKTFITSSHR SKHLK
 THSGER

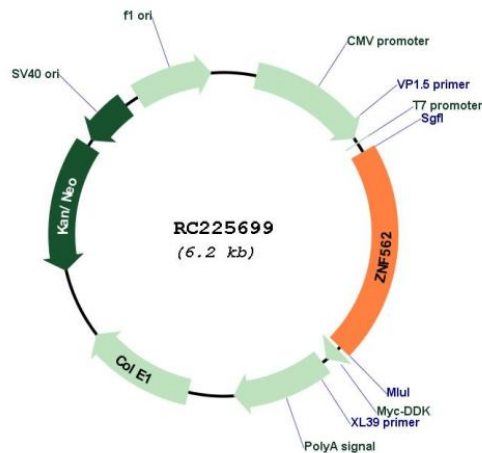
TRTRPLEQKLISEEDLAANDILDYKDDDDKV

Restriction Sites: SgfI-MluI

Cloning Scheme:



Plasmid Map:



ACCN:	NM_001130031
ORF Size:	1278 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_001130031.2
RefSeq ORF:	1281 bp
Locus ID:	54811
UniProt ID:	Q6V9R5
Cytogenetics:	19p13.2
Protein Families:	Transcription Factors
MW:	48.4 kDa
Gene Summary:	May be involved in transcriptional regulation.[UniProtKB/Swiss-Prot Function]