

Product datasheet for **RC229362**

ZNF761 (NM_001008401) Human Tagged ORF Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	ZNF761 (NM_001008401) Human Tagged ORF Clone
Tag:	Myc-DDK
Symbol:	ZNF761
Synonyms:	ZNF468
Mammalian Cell Selection:	Neomycin
Vector:	pCMV6-Entry (PS100001)
E. coli Selection:	Kanamycin (25 ug/mL)



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ORF Nucleotide Sequence:

>RC229362 ORF sequence, **codon optimized**.
 Due to the complexity of NM_001008401, the ORF clone is codon optimized for mammalian Expression.
 The nucleotide sequence differs from the reference sequence, yet the amino acid sequence remains identical.

Red=Cloning site Blue=ORF Green=Tags(s)

TTTTGTAATACGACTCACTATAGGGCGCCGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
 GCC**CGATCGC**C

ATGGCCTTCAGTCAGGGACTTCTGACTTTTCGGGACGTAGCGATCGAATTCAGCCAAGAGGAGTGGAAT
 GTCTGGACCCCGCTCAAAGAACCCTGTATAGAGATGTAATGCTGGAAAATTACAGGAACCTGGTGTCCCT
 CGATATCAGCAGCAAGTGCACCATGAAGGAGTTTCTTTCTACCGCCAGGGAAACCGCGAGGTGTTCCAT
 GCTGGTACTCTCAAATACACGAATCACACCACAACGGAGACTTTTGTATCAGGATGTCGATAAAGACA
 TACACGACTATGAGTTCCAGTGGCAAGAAGATGAACGGAACGGACACGAGGCCCGATGACTAAGATTAA
 AAAGCTCACCGGAATTACAGAACGCTACGACCAAAGTCATGCAAGAAAACAGCCTATAAAAGACCAGCTT
 GGATCAAGCTTCCATAGTCACTTGCAGGATGCACATCTTCAAAGTGGAGAGAAGATCGACAACCAGG
 TTGTCAAGTCCGTGCATGACGCCAGTCTGGTGTCAACAGCGCAGCGCATCTCATGCAGACCAAAGACGCA
 TATATCAAATAAACACGGCAACAACCTTCTGGAATTCATCCCTTCTGACTCAGAAGCAGGAGGTCCACATG
 AGAGAAAATCATTTCAGTGCACGAATCTGGCAAGGCTTTAACTACAGTTCCTTCTCAGGAAACACC
 AGATAATCCACCTTGCCGACAAGTATAAGTGCAGCTCTGCGGCAAGCTTTCAATCAGAAACGAAACCT
 TGCTGCCATAGACGGTGTACACCGGGGAGAACCCCTATAAATGCAATGAATGCGGGGAAGCAATTCAGC
 CAGACCAGCTCATTGACCTGTACCGCCGCTCCACACAGGCGAGAAGCCATACAAATGTGAAGAGTGTG
 ACAAGGCTTCCACTTTAAGAGTATTTTGAACGGCATAGGATAATTCACACTGAGGAGAAGCCTTACAA
 ATGCAATGAATGCGGCAAGACTTTTCGCCAGAAGTCAATACTCACACGGCACCATCGGCTGCACACCGGC
 GAAAAACCATATAAGTGAATGAGTGCAGGGAAGACGTTCTCACACAAGTCTAGTCTGACATGTCATCACA
 GGCTCCACACTGGAGAGAAACCTACAAGTGAATGAGTGTGGCAAAACGTTCTCCACAAATCTCCCT
 CACATGTCACAGGAGGCTGCACACTGGGAAAAACCATATAAGTGTGAGGAGTGTGATAAGGCCTATAGC
 TTTGGAAGCAATTTGAGATACCCGAAAGATTACACCGAAGATAACGCATACAAATGCAATGAGTGTG
 GTAAAACCTTTAGTAGAACAGTAGCCTTACTTGTGTCATCGGAGGAGGCACACCGGAGAACAGCCCTATA
 ATGTGAGGAGTGCATAAGGCCTTTAGGTTAAGTCTAAGTCTGGAACGCCATAGAAGAATCCACACTGGA
 GAAAAACCTTATAAGTGAACGAGTGCAGGAAAGACTTTCTCTAGGAAAAGCTACCTTACGTGCCATCATC
 GACTCCACACTGGCGAAAAGGCTTATAAATGCAACGAGTGCAGGGAAGACCTTCTCCTGAAAAAGTCCCT
 GACGTGTGATAGACGCCTTACAGTGGTGAAGCCGTACAAATGCAAGGAATGTGGCAAGACCTTAAAC
 CAGCAGCTGACACTTAAAAGACATAGGAGGCTGCATAGCGGGGAAAAACCTTATAAGTGTGAAGACTCAG
 ATAAAGCATACTATTCAAGTCAATCTCGAGATCCACCAGAAGATCCATACTGAAGAGAACCCTTATAA
 GTGTAACGAATGTGGCAAGACATTTCCCGAACAGCTCCCTGACATGCCATAGACGCCTGCACACAGGC
 GAGAAGCCTTATAAATGCGAGGAATGCGACAAGGCATTTGCGGTGAAGAGCAATCTGGAGGGGCACAGGC
 GGATTCACACGGGGGAAAAGCCTTATAAGTGAATGAGTGTGGCAAGACCTTTAGCCGGAATCCTATTT
 TATCTGTGATCACCGCTCCACACCGGGGAAAAACCGTATAAGTGAACGAATGCGGTAAGAACCTTTTCA
 CAGAAGTATCCCTCATTGCCATCACCGGCTGCATACCGGCGAAAAACCTTATAAGTGAACGAGTGC
 GAAAAACCTTCAGCCAAAAGTCAAACCTTACTGTGATCGAAGACTCCATACAGGCGAGAAAACAAGTG

ACGCGTACGCGGCCGCTCGAGCAGAAACTCATCTCAGAAGAGGATCTGGCAGCAATGATATCCTGGATT
 ACAAGGATGACGACGATAAGGTTTAA

Protein Sequence: >RC229362 representing NM_001008401
 Red=Cloning site Green=Tags(s)

MAFSQGLLTFRDVAIEFSQEEWKCLDPAQRTL YRDVMLENYRNLVSLDISSKCTMKEFLSTAQGNREVFH
 AGTLQIHESHNGDFCYQDVVDKDIHDYEFQWQEDERNGHEAPMTKIKKL TGITERYDQSHARNKPIKDQL
 GSSFHSHLPEMHIFQTEEKIDNQVVKSVHDASLVSTAQRISCRPKTHISNNHGNNFWNSSLLTQKQEVHM
 REKSFQCNESGKAFNYSSLLRKHQIIHLADKYKCDVCGKLFNQKRNLAACHRRCHTGENPYKCNECGKTF S
 QTSSLTCHRRRLHTGEKPYKCEECDKAFHFKSILERHRIIHTTEKPYKCNECGKTFRQKSILTRHHRLHTG
 EKPYKCNECGKTF SHKSSLTCHHRLHTGEKPYKCNECGKTF SHKSSLTCHRRRLHTGEKPYKCEECDKAYS
 FRSNFEIHRKIHTEDNAYKCNECGKTF SRTSSLTCHRRRHTGEQPYKCEECDKAFRFKSNLERHRRRIHTG
 EKPYKCNECGKTF SRKSYL TCHHRLHTGEKAYKCNECGKTF SWKSSLTCHRRRLHSGEKPYKCECGKTFN
 QQLTLKRHRLHSGENPYKCEDSDKAYSFKSNLEIHQKIHTENPYKCNECGKTF SRTSSLTCHRRRLHTG
 EKPYKCEECDKAFRVKSNLEGHRRRIHTGEKPYKCNECGKTF SRKSYFICHHRLHTGEKPYKCNECGKNFS
 QKSSLICHHRLHTGEKPYKCNECGKTF S QKSNLTCHRRRLHTGEKQV

TRTRPLEQKLI SEEDLAANDILDYKDDDDKV

Restriction Sites:

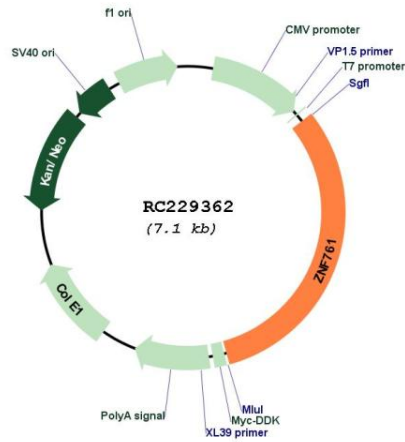
Sgfl-MluI

Cloning Scheme:



ACCN:	NM_001008401
ORF Size:	2238 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_001008401.3 , NP_001008401.3
RefSeq Size:	4229 bp
RefSeq ORF:	2241 bp
Locus ID:	388561
UniProt ID:	Q86XN6
Cytogenetics:	19q13.42
MW:	87.7 kDa
Gene Summary:	May be involved in transcriptional regulation.[UniProtKB/Swiss-Prot Function]

Product images:



Circular map for RC229362