

Product datasheet for **RC230255**

ZNF548 (NM_001172773) Human Tagged ORF Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	ZNF548 (NM_001172773) Human Tagged ORF Clone
Tag:	Myc-DDK
Symbol:	ZNF548
Mammalian Cell Selection:	Neomycin
Vector:	pCMV6-Entry (PS100001)
E. coli Selection:	Kanamycin (25 ug/mL)



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ORF Nucleotide Sequence:

>RC230255 ORF sequence, **codon optimized**.
 Due to the complexity of NM_001172773, 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)

TTTTGTAATACGACTCACTATAGGGCGGCCGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
 GCC**CGATCGCC**

ATGAACCTCACTGAGGGTCCGTTGCCATGGCCGAGATGGATCCTACACAGGGTAGGGTGGTTTTCGAAG
 ATGTGGCCATCTATTTTTACAGGAAGAGTGGGGGCACCTTGACGAGGCACAGCGACTGCTGTATCGGGA
 CGTGATGCTCGAATTTGGCCCTCTGAGTTCTCTGGGTCTGGCATGGGGCTGAAGATGAGGAGGCT
 CCTAGTCAACAAGTTTTCTGTAGGAGTTCTGAGGTGACGGCCTCAAGCCATGCCTGTCATCTCAA
 AGGTGCATCCGTCTGAGACGTGTGGCCACCTTTGAAAGATATTTGTGTCTGGTGAACATAATGGGAT
 TCACCCCGAGCAGCACATCTATATTTGTGAAGCTGAGTTGTTTCAGCACCCGAAGCAGCAGATCGGTGAG
 AATCTGTCTCGCGGGGACGATTGGATCCCAGTTTTGGTAAGAATCACCGCGTTCACATGGCCGAGGAAA
 TTTTACCTGTATGGAGGGTGAAGGACCTTCCAGCTACATCTTGCCTGCTCCAGCACCAGGGACCACA
 ATCAGAGTGAAGCCCTATCGGATACAGAGGATAGGGAAGCCTTCCAGACCGGCCAAAACGACTACAAG
 TGCTCTGAATGCGGCAAAACCTTACTTGCTCATACTTTTCGTGAGCACCAGAAGATCCACACGGGG
 AGCGGTCTATGAGTGTAAACAAATGCGGTAATTTTTAAGTACTCCGCTAATTTTCATGAAGCACCAGAC
 TGTACACACATCTGAACGGACCTATGAGTGCCGGGAATGCGGTAAGAGCTTCATGTATAATTACCGCCTC
 ATGAGACATAAGCGAGTCCACACCGGGGAGGCCATATGAGTGCAATACCTGTGGCAAATTCCTTCGAT
 ACAGTTCTACATTTGTGCGCCATCAAAGAGTGCATACGGGAGAGCGCCCTTACGAGTGTAGAGAATGCGG
 AAAGTTCTTTATGGATTCATCCACCTTGATTAAGCACCAGCGAGTGCACACAGGCGAACGGCCATACAAA
 TGCAATGACTGTGAAAGTTCTTTAGGTATATTTCTACGCTGATCAGGCACCAAAGAATTCACACCGGCG
 AAAGGCCCTTACGAGTGCAGCGTTTGTGGCGAAGTTCAGATATAACTCATCTTTGGTGAAGCACTGGCG
 CAACCATACCGGCGAAAGACCTATAAATGCTCTGAGTGCAGCAAAGTTTCAGGTATCACTGTCGACTG
 ATCAGACACCAAAGAGTTCACACCGGTGAAAGGCCGACGAGTGCAGCGAGTGTGGTAAGTTTTTCAGAT
 ATAACTCAAACCTTATCAAACACTGGAGGAATCATACAGGGGAGAGGCCCTTATGAATGTCCGGAGTGTGG
 TAAAGCTTTCAGCCACAAGCACATCCTCGTGGAGCACCAGAAGATCCACAGTGGAGAACGCCCTTATGAA
 TGTTCCGAGTGCCAGAAAGCCTTATTCGAAATCCCCTTGGTCCACCACCAGAAGATTCACTCCGAAG
 AAAGACTCGTATGTTCCATGAATGTAGGCAATAGCCTTGCCAAAACCTCCAACCTCCCTGAACATCAGAGA
 TTTACCATGGAGAAGGTCTACCAT

ACGCGTACGCGGCCGCTCGAGCAGAAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT
 ACAAGGATGACGACGATAAGGTTTAA

Protein Sequence:

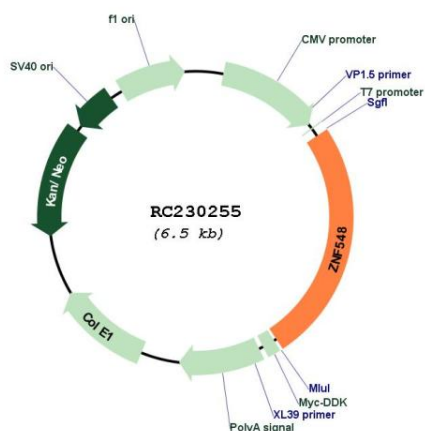
>RC230255 representing NM_001172773
 Red=Cloning site Green=Tags(s)

MNLTEGPLAMAEMDPTQGRVVFEDVAIYFSQEEWGHLEAQRLLYRDVMLENLALLSSLGSWHGAEDDEEA
 PSQQGFSVGVSEVTASKPCLSSQKVHPSETCGPPLKDILCLVEHNGIHPEQHIYICEAELFQHPKQQIGE
 NLSRGDDWIPSGKNHRVHMAEEIFTCMEGWKDLPATSCLLQHQPQSEWKPYRDTEDREAFQTGQNDYK
 CSECGKFTCSYSFVEHQKIHTGERSYECNKCGKFFKYSANFMKHQTVHTSERTYECRECGKSFMYNYRL
 MRHKRVHTGERPYECNTCGKFFRYSSTFVRHQRVHTGERPYECRECGKFFMDSSTLIKHQRVHTGERPYK
 CNDGKFFRYISTLIRHQRIHTGERPYECVCGELFRYNSLVKHWRNHTGERPYKCECGKSFYHCRLL
 IRHQRVHTGERPYECSECGKFFRYNSLKHWRNHTGERPYECRECGKAFSHKHILVEHQKIHSGERPYE
 CSECQAFIRKSHLVHHQKIHSEERLVCSMNVGNLAKTPTSLNIRDFTMEKVYH

TRTRPLEQKLISEEDLAANDILDYKDDDDKV

Cytogenetics: 19q13.43
Protein Families: Transcription Factors
MW: 64 kDa
Gene Summary: May be involved in transcriptional regulation.[UniProtKB/Swiss-Prot Function]

Product images:



Circular map for RC230255