

Product datasheet for **SC308980**

ZNF262 (ZMYM4) (NM_005095) Human Untagged Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	ZNF262 (ZMYM4) (NM_005095) Human Untagged Clone
Tag:	Tag Free
Symbol:	ZNF262
Synonyms:	CDIR; MYM; ZNF198L3; ZNF262
Mammalian Cell Selection:	Neomycin
Vector:	pCMV6-Entry (PS100001)
E. coli Selection:	Kanamycin (25 ug/mL)
Fully Sequenced ORF:	>SC308980 representing NM_005095. Blue=Insert sequence Red=Cloning site Green=Tag(s)

GCTCGTTTGTAGTAACCGTCAGAATTTTGAATACGACTCACTATAGGGCGGCCGGGAATTCGTCGACTG
GATCCGGTACCGAGGAGATCTGCCGCC**CGCATCGCC**
ATGGCGGAGAGAGAGGTGGAGTCCGGCCCCGAAAGAGGTTTGAACAAAAAGTGGTGCAGTTTTGTAT
GAAATTGTAGAGAACTGTGGTGTATCATGGATACAGAAATGTCTGAAGATATAGACCACAACCTTAAC
CCTACCCCTTGACAGCATGTCTTATGGAATGCCGAATCAAACAGGATCTGAAAATTCATTGCTGGATGAA
GATGATTATTTTTGAAGTCTGGGATCTTGCAGGAATCCAGTCGTTGGTAGTGACAATGAGGATGAA
CAGGATTTTAGTTCAAAGGACAATCTTGTCTTCAATTCATACTGATGATAGCTTGAAGTAGAGAGA
AGAGTCACACAGCATGAATCAGACAATGAAATGAAATACAAATCAAATAAGTTAAAAAAGACTTT
CCTAAACAATTTGATCAGGTTTCTGTCTTTAAATCAATACGGAAGATTTTAGTCTAGTAAGAGAAAAC
AGCAAAGAGACATTTTCTGGAAGGAGAAAAATAGAGACCTAACTTATGAACGTGAAAAACGGTTGGAT
AAACCCCAATAAGATTTGGATTCAAGGTTGAAAAGCAGTTTTTTTGATAAAGCAGCTAATCAAGTTGAA
GAAACATTACATACCCATTTACCACAAACCCGAGAAACAACTTTAGGGATTCCAGCTACCCATTTGCC
AATAAAGAATCCATTGGTTCCGAACTGGGGAATTCCTTTGCATCAAAATATTAGAATTAAAGAAGAACCT
TTGGATGATGAGTATGACAAAGCAATGGCACCACAGCAGGGACTACTAGACAAAAATAAAGATGAACCT
GACAATGCTCAAGAGTATAGTCATGGCCAACAGCAAAAACTCAAGAGGGGGAAGTGAATTTAGTGCT
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TCTGGCATGAATAAAATGCTTCCTTCAGTTCCAGCCACAGCTGTTTCGAGTTTCTGTTCTGTTTGTAAA
AAAATCTCCAGAAGGGGCAAACTGCTTATCAGAGGAAAGGGTCTACTCAGCTATTCTGCTCCACACTG
TGCTCACTGGATATACAGTTCCACCTGCCCGCCACCGCTCCTCTACCAAGAAAACTTGTTCAAGT
TGCTCAAAAGACATTTTAAATCCAAAGGATGTGATCAGTGCCAGTTTGAACACCACTAGTAAA
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AAGTGTGTGAGAACTGTGGGGTTACTGTTACAGTGGTGGGACAATGCCACATGCTTCAGATAGAG



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GGACAGTCTAAGAAGTTTTGTAGTTCATCGTGTATCACGGCATACAAGCAGAAATCAGCCAAAATTACA
CCGTGTGCGCTTTGCAAATCATTGAGATCCTCAGCAGAAATGATTGAAAATACCAATAGCTTGGGGAAG
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CCCCATCTCTGAGAAAAGATTGACTCCAGTTATAGCCAATGTAGTATCATTGGCAAGTGCCCTGCT
GCTCAGCTACAGTGAATTCTAACAGTGTCTTACAAGGTGCAGTTCCAACAGTAACAGCGAAAATCATC
GGTGATGCAAGTACTCAAACAGATGCCCTGAACTGCCACCTTCCCACTTCCAAGGCTTTTGAAGAAC
AAAGCTTTATTATGCAAAACCATCACACAGACTAAAGCCACCTCTTGCAAAACCATACCCAAAACAAA
GAATGCCAGACAGAAGACACTCCAAGTCAGCCCCAGATTATTGTGGTGCCAGTTCCCGTACCAGTGTTT
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GAGAAGAAGACTTATCTCAGGGAGAGTCCCAAATCTGAAACGAACTCTTTCTAGACACCAAGATA
TTTGAAGAAGACCAAGGAAGTACATACAGTGGTGATCTTGAATCAGAGGCAGTATCTACTCCACATAGC
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CAGTTCTCAAAGGGGAACTGAACAGGACCTGGAAGCAGATTTTCCATCAGACTCCTTTGACCCACTT
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GTCCGCTCTATCAAGCTGAAGGAAGACATTCTGTCCTGCACTTTTGTGAGTTGAGTTTGGGCTTATGC
CAGTTTATCCAAGAGGTGCGGAGACCAAATGGTAAAAATATGATCCAGACAGTATCTTATACTTGTC
CTTGGAATTCAACAGTACCTGTTTGAAATGGTGAATAGATAACATTTTACTGAGCCCTATTCCAGA
TTTATGATTGAACCTACCAAATCTTGAAATATGGGAACCTACAATACTTCTAATGTTACATGTTT
TCTCGCATTGAGGAAGAGCATTTGTGGGAGTGCAACAGCTGGGCGCTTACTACCAATCGTCTTTTA
AACACCTCCTTTTCTCAATACCAAATCTTCCAATAAAGATGTTACTGAGCACTTGAAGCTTTCC
TTTGCCCATGTGATGAGACGGACAGGACTCTGAAGTACAGTACCAAGATGACATATCTGAGGTTCTTC
CCACCTTTACAGAAGCAGGAGTCAAGACAGATAAACTGACTGTTGGCAAGAGGAAACGAAATGAAGAT
GATGAGGTTCCAGTGGGGTGGAGATGGCAGAGAATACTGACAATCCACTAAGATGCCAGTCCGACTT
TATGAGTTTTACCTGTCAAAATGTTCTGAAAGTGTGAAGCAAAGGAATGATGTGTTTTACCTTCAACCT
GAGCGCTCCTGTGTCGAAATAGCCCCATGTGGTACTCCACATTCGATAGACCCTGGAACCTGGAC
ACCATGTTAACACGATTCTCATGGTGAAGGAGGTACATGAAGAAGTGGCAAAGCCAAATCTGAAGAC
TCTGATGTTGAATTATCAGATTAA
ACGGTACGCGGCCGCTCGAGCAGAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCTGGAT
TACAAGGATGACGACGATAAGGTTTAAACGGCCGCGC

Restriction Sites:

SgfI-MluI

ACCN:

NM_005095

Insert Size:	4647 bp
OTI Disclaimer:	Our molecular clone sequence data has been matched to the reference identifier above as a point of reference. Note that the complete sequence of our molecular clones may differ from the sequence published for this corresponding reference, e.g., by representing an alternative RNA splicing form or single nucleotide polymorphism (SNP).
OTI Annotation:	This TrueClone is provided through our Custom Cloning Process that includes sub-cloning into OriGene's pCMV6 vector and full sequencing to provide a non-variant match to the expected reference without frameshifts, and is delivered as lyophilized plasmid DNA.
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.
RefSeq:	<u>NM_005095.2</u>
RefSeq Size:	7011 bp
RefSeq ORF:	4647 bp
Locus ID:	9202
UniProt ID:	<u>Q5VZL5</u>
Cytogenetics:	1p34.3
MW:	172.8 kDa
Gene Summary:	Plays a role in the regulation of cell morphology and cytoskeletal organization. [UniProtKB/Swiss-Prot Function] Transcript Variant: This variant (1) encodes the longest isoform (1).