

Product datasheet for SC313095

ZNF562 (NM_017656) Human Untagged Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	ZNF562 (NM_017656) Human Untagged Clone
Tag:	Tag Free
Symbol:	ZNF562
Mammalian Cell Selection:	Neomycin
Vector:	pCMV6-Entry (PS100001)
E. coli Selection:	Kanamycin (25 ug/mL)
Fully Sequenced ORF:	>SC313095 representing NM_017656. Blue=Insert sequence Red=Cloning site Green=Tag(s)

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GCTCGTTTAGTGAACCGTCAGAATTTTGTAAACGACTCACTATAGGGCGGCCGGAATTCGTCGACTG
GATCCGGTACCGAGGAGATCTGCCGCCGCGATCGCC
ATGTCAGCCTTTGATATGTCCTCATGATTCTTTTTCTGCTTAACCTCAGAATGGGAAATACAACCTAGA
ACCAAACGGTCATCACTTCAGCAGGGTTTTTGAAGAATCAAATATTCAGTGGGATACAAATGCAGACA
AGAAGCTACAGTGGATGGAACTCTGTGAGAATTGTGGAGAGGTCTTCAGTGAACAGTTTTGCCTTAAG
ACACACATGAGAGCTCAGAATGGAGGGAACACTTTGAGGGTAATTGTTATGGAAAAGACAGCATCAGT
GTGCACAAGGAAGCCTCTATTGGACAAGAACTTTCCAAATTTAATCCATGTGGAAAAGTCTTCACCTTA
ACTCCAGGCCTTGCTGTGCATCTTGAAATCTCAATGGAAGACAACCTACAAATGTAAGGAATGTGGA
AAAGGCTTTAAGTATTTTGAAGCCTTGATAATCACATGGGAATCCACATTGGAGAGAACTCTGTGAA
TTTCAGGAATGTGAGAGAGCCATCACAACCTCCTCACACTTAAAGCAGTGTGTAGCAGTTCATACTGGA
AAGAAATCCGAAAAGACTAAGAACTGTGGGAAATCCTTCACTAATTTTTCTCACTTTCTGCACATGCA
AAAACATCAAAAGGAGAGAAGTCCTTTGAATGTAAAGAAATGTGGAAGATCCTTTAGAAATTCCTCATCC
TTTAATGTTACATTCAAATTCACACTGGAATAAAACACACAAATGTACGGAATGTGGGAAAGCCTTC
ACTAGATCAACTCACCTTACTCAACATGTAAGAACTCACACTGGAATAAAACCTATGAATGTAAGGAA
TGTGGCCAAGCCTTCACTCAGTACACGGCCTTGCTATACACATACGAAATCACACTGGAGAGAAACCC
TATCAGTGAAGGAATGTGGGAAAGCCTTCAATAGATCTTCAACGCTTACTCAACATAGAAGAATTCAC
ACAGGAGAGAAGCCTTATGAATGTGTTGAATGTGGGAAGACCTTCATTACTTCTCCCATCGTAGTAAA
CATTTGAAAACCTCACAGTGGAGAAAGGTAA
ACGCGTACGCGGCCGCTCGAGCAGAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGAT
TACAAGGATGACGACGATAAGGTTTAAACGGCCGGC
  
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Restriction Sites:	SgfI-MluI
ACCN:	NM_017656
Insert Size:	1065 bp


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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_017656.3</u>
RefSeq Size:	5585 bp
RefSeq ORF:	1065 bp
Locus ID:	54811
UniProt ID:	<u>Q6V9R5</u>
Cytogenetics:	19p13.2
Domains:	zf-C2H2
Protein Families:	Transcription Factors
MW:	40.1 kDa
Gene Summary:	May be involved in transcriptional regulation.[UniProtKB/Swiss-Prot Function] Transcript Variant: This variant (3) lacks alternate segments in the 5' coding region, compared to variant 1. The resulting protein (isoform b) has a shorter N-terminus when it is compared to isoform a. Sequence Note: The RefSeq transcript and protein were derived from transcript and genomic sequence to make the sequence consistent with the reference genome assembly. The genomic coordinates used for the transcript record were based on alignments.