

Product datasheet for **SC101140**

ZNF610 (NM_173530) Human Untagged Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	ZNF610 (NM_173530) Human Untagged Clone
Tag:	Tag Free
Symbol:	ZNF610
Mammalian Cell Selection:	None
Vector:	<u>pCMV6-XL5</u>
E. coli Selection:	Ampicillin (100 ug/mL)
Fully Sequenced ORF:	>OriGene ORF within SC101140 sequence for NM_173530 edited (data generated by NextGen Sequencing)

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ATGCTATGTGATGAAGAAGCCCAGAAGAGGAAAGCAAAGGAGTCAGGGATGGCTCTTCTC
CAGGGACGCTTGACATTCATGGACGTGGCCATCGAATTCTCTCAGGAGGAGTGGAATCC
CTGGACCTGGACAGAGGGCTTTATACAGGGACGTGATGTTGGAGAACTACAGGAACCTG
GTCTTTCTGGGAATCTGTCTTCTGACCTAAGTATTATTTCCATGTTGAAGCAAAGGAGA
GAGCCCTTGATTCTGCAAAGTCAAGTAAAAATAGTAAAAAATACAGATGGAAGGGAAATGT
GTCAGAAGCGTGAACACAGGGAGGAGCTGTGTATTGGGAAGCAATGCAGAAAACAAGCCT
ATTAATAATCAACTTGGATTAACCCTTGAGGCACATCTGTCTGAATTGCAGCTGTTTCAA
GCCGGAAGGAAAAATTTACAGAAGTAATCAAGTTGAAAAGTTTACAACCATCGTTCCTCA
GTTTCACCACTTCAAAAAATTTCTTCTAGTTTCACAACACACATTTTTAATAAATATAGA
AATGATCTTATTGATTTCCATTACTCCCACAAGAAGAGAAAGCATACATTAGAGGAAAA
TCTTATGAATATGAATGTAGTGAAGATGGTGAAGTTTTTAGAGTCCGTGCAAGCCTTACT
AACCATCAAGTAATCCATACTGCAGAGAAACCTTACAAATGTAAGTGAATGTGGCAAGGTC
TTCAGTCGCAATTCACACCTTGTAGAATTTGAGAAATTCATACTGGACAGAAAGCCTTAC
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ATTCATACTGGAGAGAAGCCTCACAAATGTAACGAATGTGGCAAAGCTTTTAGAGAGTGT
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CGGCATCAAATAATTCATAGTACAGAGAAGCCCTACAAATGTAACGAATGTGGAAGAGCA
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AAATGTAATGAATGTGACAAAGTCTTTGGGCGCAAATTACCTAACCAACCATCAGAGA
ATTCATACTGGAGAGACCTTACAAGTGAATGCATGTGGCAAGGTCTTCAATCAAAT
CCACACCTTTCACGACATCGGAAAATTCATGCTGGAGAGAATTCAGTGCATACCTTACAG
ATGGAATGA
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Clone variation with respect to NM_173530.2



[View online >](#)

5' Read Nucleotide Sequence:

>OriGene 5' read for NM_173530 unedited
 AAACATCGACTTTCCTATAGGGCGGACCGCAATTCGGCACGAGGGGATCTGAGAGTCA
 ACACAGACCTTGAATCCCCGCACCGCTCCCTCCACCCGTGTAATTCAGGCGTCTCCG
 TGAGAGTCCGGCGCTCGCTTCCCTGTGTGTTAAATCGCTCGGCGACGGGTCCTGTCCCC
 GCTCGTTCGCCTGGGCCAGACACAGGAGTGTGCCATGTTGTCCAACTGGTCTCGAA
 ATCTGGAGTCAAGCAGTCTGCCTGCCTCGTTCTCCAAACGTGCTGGGATTACAGGCATG
 AGCCACTACGCCGCAAGTATTCGGTATTTATAAAATCTACAGTAGTACACAGTTATG
 TCGTAGGCCATCACATTCGGTCACCACACTCACTGACTCATCCAGAGCAATTTCTAGT
 CCTGCAAGCGCCATTCATGGATTGACTTATAAACAGTCATGCTATGTGATGAAGAAGCCC
 AGAAGAGGAAAGCAAAGGAGTCAGGGATGGCTCTTCTCAGGGACGCTTGACATTCATGG
 ACGTGGCCATCGAATTCCTCAGGAGGAGTGAAATCCCTGGACCCTGGACAGAGGGCTT
 TATACAGGACGTGATGTTGGAGAACTACAGGAACCTGGTCTTTCTGGGAATCTGTCTTC
 CTGACCTAAGTATTTCCATGTTGAAGCAAAGGAGAGGCCCTTGATTCTGCAAAGTC
 AAGTAAAAATAGTAAAAAATACAGATGGAAGGGAATGTGTCAAAGCGTGAACACAGGGA
 GGAGCTGTGATTGGGAAGCATGCANNAACAGCCTATTAATACTACTTGGATTACCCCTT
 GAGCACATCTGTCTGAATTGCAGCTGTTAGCCGAGGAAATNACAGAGTATCAGTTG
 AAAGTTACAAACATCGTTCTCATTTCACACTTCAAATCTCTAGTTACACACCATTTA

3' Read Nucleotide Sequence:

>OriGene 3' read for NM_173530 unedited
 ATATCTTGNACCGCGCCGATTCTANGATCGATTTTTTTTTTTTTTTTTTTTTTTTTTTT
 TAAAAAAAACCTTAACTTTTACTTAAAACATGAGAAGTATGTACATTCATAATCA
 AAGAGTTACAAATTACGGTGCCAGCAGTTAAATGTGAATCCTACTCAAGAATATGCTATA
 CTGGTAGTTTTCAATAATGCTCTATTCTGATATAACTGTTCTCTTTATAGATTATTT
 ATATATGTTATTAACCTTACATTTGTAGGGTTTCTTTTCAGTGTGGATCAAGAGATGAGT
 GATGAGGCTTCAATGCAAATAAATTCTTGCCACATTTATGATATTTGTAAAGTTTTTC
 TCTGAGTCTCCAATGTTGTGCTAGGTGTGAATTCTAACTAAAGATTTTCCACATTC
 TTCCATCTGTAAGGTACGCAGTGAATTCTCCAGCATGAATTTCCGATGTCGTGAAAG
 GTGTGGATTTTGATTGAAGACCTTGCCACATGCATTACACTTGTAAAGTCTCTCCAGT
 ATGAATCTCTGATGGTTGGTTAGGTATAATTTGCGCCAAAGACTTTGTACATTCATT
 ACATTTGTAAGGTTTCTCCAGTATGGATTAGAAGATGGGCCATAAGGCCCGGACGCTT
 GTGAAATGCTCTCCACATTCGTTACATTTGTAGGGCTTCTCTGACTATGAATATTTG
 ATGCCGTGCAAGGTATGAAAGCAGACTAAAGACCTTGCCACATTCATTACATTTGTAAGG
 TTTTCCGCCGTGTGACTTCTCTGATGATTGGTTAGAGAAAATTTGTGCCTGAAGTTCTG
 CCACACTATTACATTTGTAAGGTTTCTCTCCAGTATGGATTACAAGATGGGTAGTAAGT
 CCCGACACTCTTAAAAGCTTTGCACATTCGACT

Restriction Sites:

NotI-NotI

ACCN:

NM_173530

Insert Size:

2250 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).

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: [NM_173530.1](#), [NP_775801.1](#)

RefSeq Size: 1855 bp

RefSeq ORF: 1389 bp

Locus ID: 162963

UniProt ID: [Q8N9Z0](#)

Cytogenetics: 19q13.41

Protein Families: Transcription Factors

Gene Summary: May be involved in transcriptional regulation.[UniProtKB/Swiss-Prot Function]
Transcript Variant: This variant (3) differs in the 5' UTR compared to variant 1. Variants 1, 2 and 3 encode the same isoform (a). Sequence Note: This RefSeq record was created from transcript and genomic sequence data to make the sequence consistent with the reference genome assembly. The genomic coordinates used for the transcript record were based on transcript alignments.