

Product datasheet for **SC124705**

ZNF605 (NM_183238) Human Untagged Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	ZNF605 (NM_183238) Human Untagged Clone
Tag:	Tag Free
Symbol:	ZNF605
Mammalian Cell Selection:	None
Vector:	<u>pCMV6-XL5</u>
E. coli Selection:	Ampicillin (100 ug/mL)



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Fully Sequenced ORF: >OriGene ORF within SC124705 sequence for NM_183238 edited (data generated by NextGen Sequencing)

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ATGATCCAGTCACAGATATCATTGAGGATGTGGCTGTGGATTTACGCTGGAGGAATGG
CAGCTACTTAATCCTACTCAGAAGAACTTGTACAGAGATGTGATGTTGGAGAACTATAGC
AATCTGGTTTTCTTGAAGTCTGGCTAGATAATCCCAAAATGTGGCTCCGAGATAATCAA
GACAACCTTAAAAGTATGGAGAGAGGCCATAAAATGATGTTTTTGGAAAAATATTTAAT
TCAAGCATAAACATTGTTTCATGTAGGACTGCGATCCCATAAATGTGGCACAGGAGAAAA
AGTTTGAATGTCTTTTGATTTGCTTATTCCAAAAAATAATTGTGAAAGAAAGAAAAATT
GATGAACTCAATAAGAAATTATTGTTCTGTATCAAACCTGGCAGAACCCATGGTGGGATA
AAATACTGTGATTGCAGTACATGTAGAAAAATCCAGCAACGAAGAGCCATGGCTCACTGCT
AATCACATAACACACACAGGAGTCTATTTATGCATGGAATGTGGCAGATTTTTTAACAAG
AAGTCACAACCTTGTATACACCAGAGAACTCATACAGGAGAGAAGCCCTATCAATGCAGT
GAGTGTGGAAAAGCCTTTTACAGAAGTCACTGCTCACGGTTCATCAAAGAAGTCACTCA
GGAGAAAAACCGCATGGGTGCAGCGAATGTCAGAAAGCTTTTAGTAGGAAGTCACTCCTC
ATTTTACATCAGAGAATTCATACTGGAGAGAAGCCGTATGGATGCAGTGAATGTGGAAAA
GCCTTCAGTAGGAAGTCCGAGCTTAAAAGACATCAGATAACGCACACAATAGAGAAACCC
TACAGTTGCAGTGAGTGTGGGAAAGCATTCTCCAGAAATTA AAACTCATCACACATCAG
AGAGCGCACACAGGAGAGAAACCCATCCATGTAGTCACTGTGGAAAAGCCTTCTTTTGG
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GAGTGTCAAAAAGCCTTACAGCAGAACTCACTTCTCATTAGGCATCAGAGGATTCATACA
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GCCTTCTTTAAGAAGTCAGAGTTAATAAGACATCAAAAAATTCATTAGGAGAGAAACCA
TATGGATGCATTCAATGTGGGAAAACCTTCTTTGGGAAGTCCCAGCTCCTAACGCATCAC
AGAACACACACTGGGAGAAAGCCTTATGAATGCAGTGAGTGTGGGAAAGCCTTACCCAG
AAGTCAAGCCTGATATCACATCAGAGAACACATACAGGTGAGAAACCCATGAATGCAGT
GAATGCAGGAAAACCTTCACTGAGAAAGTCAAGTCTCATTATCATCAGAGAACCATACT
GGAGAAAAGCCCTTTGAATGTAGTGAATGTAGGAAAGCTTTTGCCTGGAAGCCACAGCTT
CTTAGGCATCAGAGAATTCATACAGGGGAGAAACCCATGAATGCAGTGAATGTGGGAAA
GCATTTGTTTCAAGAGTGCAGCTCATTAAAGCATCAAAGAAATCACACAGGAGAGAAAACC
TATGGATGCAGCGATTGTGCAAAAGCTTTCTTTGAGAAGGCACAGCTGATTATACATCAG
AGAATTCATACAGGAGAGAGACCATATAAATGTGGTGAATGTGGGAAATCTTTCACAAGA
AAGTCACACCTTATGAGGCATCAGAGGATTCATACAGGAGATAAAATACTATGGATGCAAT
GAGTGTGGGACCACCTTCAACAGGAAGTCGAGCTTATGATACATCAGAGAAATCATATA
ATATAA
    
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Clone variation with respect to NM_183238.3

5' Read Nucleotide Sequence:	<p>>OriGene 5' read for NM_183238 unedited</p> <pre>GGTTTTGTATCCGACTTTACTATANNGCGGCCGCGCAATTCGGCACGAGGCCCGGATCG GGCCGTGTCCGCCGCGGCCCTGCGAGGTCCGAGGGGCAATAGCCCTCTGGAAACAAGACAA TTCATGTGAGATAAGAAAAGAAGAGCCACAAGACCAAGGATGTATTCTCAGTTTACAGAC CACTGACCAGAGGCCACTCCAGGGTGTCAAGACTAAGAGAAGTCACAAAACAGCAGATTT CCCAAGAGCAGCGGAAAATGATCCAGTCAAGATATCATTGAGGATGTGGCTGTGGATT TCACGCTGGAGGAATGGCAGCTACTTAATCTACTCAGAAGAAGTTGTACAGAGATGTGA TGTTGGAGAACTATAGCAATCTGGTTTTCTTGAAGTCTGGCTAGATAATCCCAAATGT GGCTCCGAGATAATCAAGACAACCTTAAAAGTATGGAGAGAGGCCATAAATATGATGTTT TTGAAAAAATATTTAATCAAGCATAAACATTGTTTATGTAGGACTGCGATCCCAAAAT GTGGCACAGGAGAAAAAGTTTGAATGTCCTTTTGATTTGCTTATTCCAAAAATAATT GTGAAAGAAAANATTGATGAAGTCAATAAGAAATTATTGGTCTGTATCAAACCTGGCA GAACCCATGGTGGGATAAAATACTGTGATTGCAGTACATGTANAANNATCCAGCAGGAAG AGCCATGGCTCACTGCNTATCACATAACACACAGGGAGTCTATTTATGCATGGNAATG TGGNNCAGATTTTTAACANGAAGTCACCACTTTGTATACACCAGAGAACTCATACAGGA NAGAAAGCCCTATCATGCAGTGTGGGAAAGCCCTTTCACAGAAGTCACTGGCTCAC GGTCATCAAAGAAGTCACTCAGANAAAAACGGCATGGTG</pre>
3' Read Nucleotide Sequence:	<p>>OriGene 3' read for NM_183238 unedited</p> <pre>NNNATTAGCTTGCNACCGCGGCCGCAATCTAGATCGAGTTTTTTTTTTTTTTTTTCTC AGGGGTTTTTTTGTATTCTGTTTATCAGGGCTTTTCATGAATGTGACTCTGAGGTGCACT GCTGTGATGTAAATTATGTTTATTCTACTTCAGGTCATTTGAGCTTCTTGAATATGTGGG GGTATTGTTTTACCAGATTTGGAAAATCTTAGCCATTTTATTCAAATACTTCTTCA TGCCCTCTCATTTTTCTCCTCTCCTTTTGGGACTCCAGTTAAACATATATTACACTACTGT AATGGTTTTCTATTCTCTCTCTCTCTAAGTCTTTTTTCTCTCTGTATACACTTT GGTAGTTTTTATTCTTACTCTTCAAGTTCATTGATTTTTTCTTCTTTTCTGTATCTAAT CTCTCCACTCGGGATTTTAAACAAAATCAGAAGTTGATTTTCATCCCTAGAAGTTCCATTTT GGCCAGTAAAAATATCTTTATACCTCAGGTTTCATCAATCTTATGTTTTCTCTACTTT ATATTTACAATAGCTCTTTAATATCCTTGTCTACTAATCCATCACCTGTCTTTTCT GGGTTTCTACTGATTTTTCTCCTGGTTATAAGTCATATTTTATTGCTTCTTTGCATAACA CATTAGTTTTTTTTGGATGCCGGACACTGTAGGTCCAGAGTAGCTTTTAACTAGAGTTAA TTAGCTGCACTACTAAAACAAAACCTTTCTGAGAATTCTACCTGATGCTCCATGTGTTTC CCTCTGTTTCCACTCTGGCTGCTGAGACATAAACTATTCCAGCCCTGCATGAGTTTCAC GAATTTGTGAGCCTGCTGTCTTCACTGCTTCTTTTCTGGCCTCATGCCAGTCAGNCCT AGTCCAAAGACTCCAGGGACTCCACAGACTCCTTGAG</pre>
Restriction Sites:	NotI-NotI
ACCN:	NM_183238
Insert Size:	4000 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_183238.1](#), [NP_899061.1](#)

RefSeq Size: 6239 bp

RefSeq ORF: 1926 bp

Locus ID: 100289635

UniProt ID: [Q86T29](#)

Cytogenetics: 12q24.33

Gene Summary: May be involved in transcriptional regulation.[UniProtKB/Swiss-Prot Function]
Transcript Variant: This variant (1) represents the longer transcript but encodes the shorter isoform (1). 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.