

Product datasheet for **SC116612**

ZNF354A (NM_005649) Human Untagged Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	ZNF354A (NM_005649) Human Untagged Clone
Tag:	Tag Free
Symbol:	ZNF354A
Synonyms:	EZNF; HEL104; HKL1; KID-1; KID1; TCF17
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 SC116612 sequence for NM_005649 edited (data generated by NextGen Sequencing)

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ATGGCTGCTGGGCAGCGGGAAGCGAGGCCCCAGGTGCTACTGACGTTTGAGGATGTGGCT
GTGCTGTTTACCCGAGATGAGTGGAGAAAGCTGGCCCTTCTCAGAGAAACTTGTACCGG
GATGTGATGCTGGAGAATATAGGAACCTGGTCTACTGGGGCTCCCATTTACCAAACCA
AAAGTGATCTCCCTGTTGCAGCAAGGAGAAGATCCCTGGGAGGTGGAGAAAGACGGTTCT
GGCGTCTCCTCTCTAGGATCGAAGAGCAGTCATAAAACCACAAAGTCAACGCAAACACAA
GACTCTTCATTTTCAGGGACTGATCTGAAAAGATCCAACAGGAATGTACCTTGGGATTTG
AAATTAGAAAAGCCTTACATATATGAAGGCAGATTAGAGAAAAAGCAGGATAAAAAAGGA
AGTTTTAGATAGTTTCAGCCACCCACAAAAAATCCCCACTATAGAAAGAAGCCATAAA
AATACTGAATTGAGCCAAAACCTCAGCCAAAAGTCAGTGCTTATTAGGCAACAGATACTT
CCCAGAGAAAAAACACCACAAAATGTGAAATACAAGGAAACAGCCTCAAACAGAATTCA
CAATTACTTAATCAACAAAAATACAGCAGATAAACGCTATAAATGTAGTCTGTGTGAA
AAAACCTTCATTAACACTTCATCCCTTCGTAAACATGAGAAAAACCATAGTGGAGAGAAA
CTATTTAAGTGTAAGAATGTTCAAAGCCTTTAGCCAAAAGTTCAGCTCTTATTCAACAT
CAAATAACGCATACTGGAGAGAAACCCTACATATGTAAAGAATGTGGGAAAGCCTTACT
CTCAGTACATCCCTTTATAAACATCTAAGAACCATACTGTGGAGAAATCCTACAGATGT
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GCTGAAGAAAACCTTGTAAAGTATAATCCGGGTAGGAAGGCATCTAGTTGCAGCACATCC
CTTTCTGGATGTCAAAGAATTCATTCTAGAAAAGAGTCTACTTATGTAATGAATGTGGC
AACACCTTTAAGTCTAGCTCATCCCTTCGTTATCATCAGAGAATTCACACTGGAGAGAAG
CCTTTTAAATGTAGTGAATGTGGGAGAGCCTTCAGCCAGAGTGCCTCTCTTATTCAACAT
GAAAGAATTCACACCCGGAGAAAAGCCCTATAGATGCAATGAATGTGGGAAAGCCTTACT
TCTATTTACAGACTTAATAGACACCGAATCATTACTACTGGAGAGAAGTTTTATAATTGT
AATGAATGTGGTAAAGCCTTAAGCTCCCACTCAACACTTATTATTCACGAGCGAATTCAT
ACTGGAGAAAAACCATGTAAATGTAAAGTATGTGGAAAAGCCTTCAGACAGAGTTCAGCT
CTCATTCAACATCAGAGAATGCATACTGGAGAAAAGACCTATAAATGTAACGAGTGTGGG
AAAACATTCAGGTGTAACCTCATCACTTAGTAATCACCAGAGAATTCATACTGGAGAGAAA
CCATATCGATGTGAGGAATGTGGGATATCTTTTGGCCAAAAGTTCAGCTCTTATTACGAT
CGAAGGATTCATACAGGAGAAAAACCTTTAAATGTAATACATGTGAAAAAATTTTAGA
CAAAGCTCATCACGTATTGCACATCAGAGAATTCATACTGGAGAGAAACCCTATGAATGT
AATACATGTGGGAAACTTTTCAACCATAGGTCATCCCTTACTAATCATTAAAAATTCAT
ATCGAAGAGGACCCCTAG
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Clone variation with respect to NM_005649.2

5' Read Nucleotide Sequence:	<p>>OriGene 5' read for NM_005649 unedited</p> <pre> CTTCGCGATTTGTATACGTTCCCTATAGCGCGCCCGCAATTCGCACGAGGCTCAGATCT GCCTTCTGGAGACTGCGCCGTCTCCCGGGAGAGCCAGAAAGAGGACATGGCTGCTGGGC AGCGGGAAGCGAGGCCCCAGGTGCTACTGACGTTTGAGGATGTGGCTGTGCTGTTTACCC GAGATGAGTGGAGAAAGCTGGCCCTTCTCAGAGAACTTGTACCGGGATGTGATGCTGG AGAACTATAGGAACCTGGTCTCACTGGGGCTCCCATTTACCAAACCAAAAGTGATCTCCC TGTTGCAGCAAGGAGAAGATCCCTGGGAGGTGGAGAAAGACGGTCTGGCGTCTCCTCTC TAGGATCGAAGAGCAGTCATAAAACCACAAAGTCAACGCAAAACAAAGACTCTTCATTTTC AGGGACTGATACTGAAAAGATCCAAACAGGAATGTACCTTGGGATTTGAAATTAGAAAAGC CTTACATATATGAAGGCAGATTAGAGAAAAAGCAGGATAAAAAGGGAAGTTTTTCAGATAG TTTCAGCCACCCACAAAAAATCCCACTATAGAAAGAAGCCATAAAAATACTGAATTGA GCCAAAACCTTCAGCCAAAGTCAGTGCTTATTAGGCAACAGATACTTCCAGAGAAAAAA ACACCACCCAAAAATGTAAATACAAGGAAACAGCCTCAAACAGAATTCACAATTACTTA ATCAACCAAAAAATACAGCAGATAAACGCTATANATGTAGTCTGTGTGAAAAACCTTCA TTAACACTTCATCCCTTTCGTAACATGAGAACACCCATAGTGTAGAGAACTTTTAAAGTG TAAAGATGTTCAAAGCCTTAGCCAAGNTCAGCTCTAATTCACATCAATAACGCTACTGG AGAGAACCCTCCTTG </pre>
3' Read Nucleotide Sequence:	<p>>OriGene 3' read for NM_005649 unedited</p> <pre> GCCGCAATCTAGAGTCGAGTTTTTTTTTTTTTTTTTTAATAATTCATTTTTCTTTTATTT TGGTCCTTTTCTCTAAAAGGTACAATTTGATCAAGCTATTAATAATGCTATAAAAAATTA CCAGTTTGGTGGTCTTCTAATGAGAAATCTAAAGCACACCTCCCCACCCACTCGGATATC TGTTTCTGATGATCACGTGACATCTAGCATATACGTCTGTAGGAAAAGGGAAAAAGCAAA CCCATTTCAAAAATGGCTAAAGTCAATGTCTTCAATTGTAATTTCTTCATCTCAGTTAT TTTTTAAAGTGTCTGACAGGCACAAACACTTTCCTCATATCTATTATATAGCTGAGGTTT ATCCATGGAATTAATAACCTAATGAGGGCTAAATTATTACAGTTTTTTTTCACATCCATTA CATTTATTACATCTCTCAAGGATGATTTCTTCGATGAGCTTTGGTTTAAAGCTTTTTCAC ACATACAAATCTACTTTCTAGGGTCTCTTCGATATGAATTTTATAATGATTAGTAAGG GATGACCTATGGTTGAAAAGTTTCCCACATGTATTACATTCATAGGGTTTCTCTCCAGTA TGAATTTCTGTGATGTGCAATACGTGATGAGCTTTGTCTAAAAGTTTTTCCACATGTATTA CATTTAAAGGGTTTTTCTCCTGTATGAATCCTTCGATGCTGAATAAGAGCTGAACCTTGG CCAAAAGATATCCACATTCCTCACATCGATATGGTTTCTCTCCAGTATGAATTTCTCTGG TGATTAATAAGTATGAGTTACACCCTGATGNTNTCCCCACTCNGTACATTATAGGGTCT TTCTNCAGTATGCATTNCTCTGATGTGATGAAAGCTGAACTCTGTCTGAAGGCTTTCCAC TACTTACATTACATGGNTTCTCATATGAATCGCTCGGAATAATAGTGGTNTGGGAGCT TAGGCTTACACATCATTCA </pre>
Restriction Sites:	NotI-NotI
ACCN:	NM_005649
Insert Size:	4520 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_005649.2](#), [NP_005640.2](#)

RefSeq Size: 2555 bp

RefSeq ORF: 1818 bp

Locus ID: 6940

UniProt ID: [O60765](#)

Cytogenetics: 5q35.3

Domains: KRAB, zf-C2H2

Protein Families: Transcription Factors