

Product datasheet for **SC328940**

ZNF573 (NM_001172692) Human Untagged Clone

Product data:

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| Product Type: | Expression Plasmids |
| Product Name: | ZNF573 (NM_001172692) Human Untagged Clone |
| Tag: | Tag Free |
| Symbol: | ZNF573 |
| Mammalian Cell Selection: | None |
| Vector: | <u>pCMV6-XL5</u> |
| E. coli Selection: | Ampicillin (100 ug/mL) |



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Fully Sequenced ORF: >NCBI ORF sequence for NM_001172692, the custom clone sequence may differ by one or more nucleotides

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ATGATTTTGGGGAAGAAACACAGTTCACAGATTTGGATTTACAGTGTGAGATAATCAGC
TACATAGAAGTACCCACTTATGAAACAGATATATCCTCTACACAACCTTCAGAGCATATAT
AAGAGAGAGAAACTCTATGAATGTAAGAAATGTCAGAAGAAATTTAGTAGTGGTTATCAA
CTTATTCTACATCACAGGTTTCATGTCATTGAGAGACCCTATGAATGCAAAGAGTGTGGG
AAGAACCTTCGTAGTGGCTCAACTTACTCTACATCAAAGATTCATACTGGTGAGAAA
CCCTATGAATGTACAGAATGTGGGAAGAACTTTAGAAAGTGGTTATCAGCTGACTGTGCAT
CAGAGATTTCATACTGGTGAGAAAACCTATGAATGTAGGCAGTGTGGGAAGGCCCTTTATA
TATGCCTCACACATTGTTCAACATGAGAGAATTCACACTGGTGGGAAGCCGTATGAATGT
CAGGAGTGTGGGAGGGCCTTTAGTCAAGGTGGACATCTTAGAATTCATCAGAGAGTTCAT
ACTGGCGAAAAACCATATAAATGTAAGGAATGTGGGAAGACTTTTAGTAGGCGCTCAAAT
CTTGTGAACATGGGCAGTTTCATACTGATGAGAAGCCATACATATGTGAGAAATGTGGA
AAGGCCTTTAGAAGAGGTCACCAGCTTACTGTACATCAGAGAGTTCACACTGGTAAAAAG
CCATATGAGTGTAAAGAATGTGGGAAGGGCTATACCACTGCCTCATACTTTCTTCTACAT
CAGAGAATTCATAAAGGTGGAAAACCTATGAATGTAAGGAGTGTAAAGAAACCTTTACT
TTGTATAGAAATCTTACTCGGCATCAGAATATTCATACTGGTGAGAAAACCTTTTGAATGC
AAGCAATGTGGGAAGACCTATACTACTGGTTCAAAACTCTTTCAACATCAGAAAACCTCAT
ACTGGCGAGAAAACCTATGAATGCAAGGAATGCGGAAAGGCCCTTAGCTTGTATGGCTAC
CTTAAACAACATCAGAAAATTCATACTGGCATGAAACACTTTGAATGTAAGGAGTGTAAA
AAAACCTTTACTTTGTATAGAAATCTTACTCGACATCAGAATATTCACACTGGTAAGAAA
CTTTTTGAATGTCAGGAATGTGGGAAGGCCTATAGTACTGGCTCAAACCTTATTCAACAT
CGGAAAACCTCATACTGGTGAGAAAACCTATAAATGTAAGGAATGTGGCAAGACCTTTAGC
TTGCATGGATATCTTAATCAACATCAGAAAATTCATACTGGTATGAAACCTATGAATGT
AAGGTATGTAGAAAACCTTTACTTTCTATAGAAATCTTACTCTACATCAAAGTATTCAT
ACTGATGAGAAAACCTTTGAATGTAAGGAATGTGGGAAGACCTTTAGACGTAGTTCACAC
CTTACTGCACATCAGAGCATTATGCTGATAAAAAACCTATGAATGTAAGGAATGTGGA
AAGGCCTTTAAAATGTATGGCTACCTTACCAACATCAGAAAATTCATACTGGTGGAAAA
CCTTATGAATGTAAGGAATGTGGGAAGGCCTTCAGTCGTGCTTCAAACCTTGTTCACAT
GAGAGAATTCATACTGGTGAGAAAACCTATGTGTGTAAGCAGTGTGGAAAACCTTCAGA
TATGGTTCAGCCCTTAAAGCCCATCAGAGAATTCATAGGAGCATAAAAGTGTA

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Restriction Sites: Please inquire

ACCN: NM_001172692

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).

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| Reconstitution Method: | <ol style="list-style-type: none">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_001172692.1</u> , <u>NP_001166163.1</u> |
| RefSeq Size: | 2124 bp |
| RefSeq ORF: | 1734 bp |
| Locus ID: | 126231 |
| UniProt ID: | <u>Q86YE8</u> |
| Cytogenetics: | 19q13.12 |
| Protein Families: | Transcription Factors |
| Gene Summary: | May be involved in transcriptional regulation.[UniProtKB/Swiss-Prot Function] Transcript Variant: This variant (5) lacks four alternate exons and uses an upstream start codon, compared to variant 1. The resulting isoform (2) has a shorter and distinct N-terminus, compared to isoform 1. Both variants 2 and 5 encode the same isoform. |