

Product datasheet for **SC328939**

ZNF573 (NM_001172689) Human Untagged Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	ZNF573 (NM_001172689) 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_001172689, the custom clone sequence may differ by one or more nucleotides

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ATGATTTTGGGGAAGAAACACAGTTCACAGATTTGGATTTACAGTGTGAGATAATCAGC
TACATAGAAGTACCCACTTATGAAACAGATATATCCTCTACACAACCTTCAGAGCATATAT
AAGAGAGAGAAACTCTATGAATGTAAGAAATGTCAGAAGAAATTTAGTAGTGGTTATCAA
CTTATTCTACATCACAGGTTTCATGTCATTGAGAGACCCTATGAATGCAAAGAGTGTGGG
AAGAACCTTCGTAGTGGCTCAACTTACTCTACATCAAAGATTCATACTGGTGAGAAA
CCCTATGAATGTACAGAATGTGGGAAGAACTTTAGAAGTGGTTATCAGCTGACTGTGCAT
CAGAGATTTCATACTGGTGAGAAAACTTATGAATGTAGGCAGTGTGGGAAGCCCTTTATA
TATGCCTCACACATTGTTCAACATGAGAGAATTCACACTGGTGGGAAGCCGTATGAATGT
CAGGAGTGTGGGAGGGCCTTTAGTCAAGGTGGACATCTTAGAATTCATCAGAGAGTTCAT
ACTGGCGAAAAACCATATAAATGTAAGGAATGTGGGAAGACTTTTAGTAGGCGCTCAAAT
CTTGTGAAACATGGGCAGTTTCATACTGATGAGAAGCCATACATATGTGAGAAATGTGGA
AAGGCCTTTAGAAGAGGTCACCAGCTTACTGTACATCAGAGAGTTCACACTGGTAAAAAG
CCATATGAGTGTAAAGAATGTGGGAAGGGCTATACCACTGCCTCATACTTTCTTCTACAT
CAGAGAATTCATAAAGGTGGAAAACCTTATGAATGTAAGGAGTGTAAAGAAACCTTTACT
TTGTATAGAAATCTTACTCGGCATCAGAATATTCATACTGGTGAGAAAACCTTTTGAATGC
AAGCAATGTGGGAAGACCTATACTACTGGTTCAAACTCTTTCAACATCAGAAAACCTCAT
ACTGGCGAGAAAACCTTATGAATGCAAGGAATGCGGAAAGGCCCTTAGCTTGTATGGCTAC
CTTAAACAACATCAGAAAATTCATACTGGCATGAAACACTTTGAATGTAAGGAGTGTAAA
AAAACCTTTACTTTGTATAGAAATCTTACTCGACATCAGAATATTCACACTGGTAAGAAA
CTTTTTGAATGTCAGGAATGTGGGAAGGCCTATAGTACTGGCTCAAACCTTATTCAACAT
CGGAAAACCTCATACTGGTGAGAAAACCTATAAATGTAAGGAATGTGGCAAGACCTTTAGC
TTGCATGGATATCTTAATCAACATCAGAAAATTCATACTGGTATGAAACCTTATGAATGT
AAGGTATGTAGAAAAACCTTTACTTTCTATAGAAATCTTACTCTACATCAAAGTATTCAT
ACTGATGAGAAAACCTTTGAATGTAAGGAATGTGGGAAGACCTTTAGACGTAGTTCACAC
CTTACTGCACATCAGAGCATTATGCTGATAAAAAACCTTATGAATGTAAGGAATGTGGA
AAGGCCTTTAAAATGTATGGCTACCTTACCAACATCAGAAAATTCATACTGGTGGAAAA
CCTTATGAATGTAAGGAATGTGGGAAGGCCTTCAGTCGTGCTTCAAACCTTGTTCACAT
GAGAGAATTCATACTGGTGAGAAAACCTATGTGTGTAAGCAGTGTGGGAACCTTCAGA
TATGGTTCAGCCCTTAAAGCCCATCAGAGAATTCATAGGAGCATAAAAGTGTA

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Restriction Sites: Please inquire

ACCN: NM_001172689

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: [NM_001172689.1](#), [NP_001166160.1](#)

RefSeq Size: 2448 bp

RefSeq ORF: 1734 bp

Locus ID: 126231

UniProt ID: [Q86YE8](#)

Cytogenetics: 19q13.12

Protein Families: Transcription Factors

Gene Summary: May be involved in transcriptional regulation.[UniProtKB/Swiss-Prot Function]
Transcript Variant: This variant (2) lacks three alternate exons, includes an additional exon, 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.