

Product datasheet for **SC329150**

ZFYVE28 (NM_001172659) Human Untagged Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	ZFYVE28 (NM_001172659) Human Untagged Clone
Tag:	Tag Free
Symbol:	ZFYVE28
Synonyms:	Ist-2; LST2; LYST2
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_001172659, the custom clone sequence may differ by one or more nucleotides

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ATGGATGAGTGCATCCCCAGGACCGCGCCCCAGAGATTTCTGCGTCAAGTTCCTGAG
GAGATCCGGCAGCACAACCTGGCCGGCCAGCTGTGGTTCGGTGCCGAGTGCCTGGCCGCC
GGCTCCATCATCATGAACCGGGAGCTGGAGAGCATGGCCATGCGCCCGCTGGCCAAGGAG
CTGACGCGCAGCCTGGAGGACGTGCGGGGCGCCCTCCGTGACCAAGGCGCTGCGGGACCTG
AACACCTACACAGAGAAGATGAGGGAAGCGCTGAGGCACCTTCGACGTCTGTTCCGAGAG
TTTGAGCTCAGCTACGTCTCGGCCATGGTGCCTGTGAAGTCCCCAGGGAGTACTACGTG
CAGCAGGAGGTACATCGTGCTCTTCTGCGAGACGGTGGAGAGGGCCCTGGACTTCGGGTAC
CTGACTCAGGACATGATTGATGACTACGAGCCGGCCCTCATGTTGAGCATCCCCAGGCTG
GCCATCGTGTGTGGCCTCGTGGTCTATGCGGACGGACCTCTGAAGTGGACCGCAAGGTG
GAAGACATGTCCGAGCTGTTCCGGCCCTTCCACACGTTGCTGCGGAAAATAAGGGATTTG
CTGAGACGCTGACGAGGAGGAGCTGCACACGCTGGAACGGAACCTCTGCATTTCCCAA
GACGTGGAGTTCCCCATCCGCGCAGACGTGCAGGGACCCGCTGCCCTGGCGCCTGCCCTC
TCTGCCCTCTCCCCCTGAGGGGCCACTCTCAGCTAAGGCCAAAGACCCGGATGCAGAG
CTGGCCTGCTCCATGCAGTACGACGACCAAGGAGCTGGAGCAGCTCAGCCGATGTTCCAC
AGGGCGGGGACGAGATGTCCTCTTTGCTTTCACCGCCATTGCCGTGCCAGTCCCCAGCT
CACAGGCCAGGAGCGGAGGGCAGCCAGGCGGGGAGGCCCTCTCCAGGTAGACCGCGCCTG
CGGTACGCGAGTGACGAGGAGGAGCGCGTGTCTTTCATGGATGACGTGGAGGGGACGGCA
GAAGCCCTGGCCAGGCCCCGAGTCCCCAGCTGGCCCATTTGGGTGGGACGGCAGTACCTGG
GCCGACCCCCAGGAGAAAGGGCAGGGTGGGCCAGGCGGAGCGGGGATCAGCTTGCCC
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GCCAGCTCGCGGGCACCAGCTCCTGCAGCTGCCTGGACTCGCGGCTGCACCTGGACGGC
TGGGAGGTGGGTGCGGATGACGACAGAGCGGCTGAGATGATCGCCACCGGACAGGGGGC
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GTGCCACCCAGGAGGCCGCTCGGAGCCGTTGGCCGAGGGGATGGATGGCGGCCCCAC
AAGCTTAGCACTGGGGCCACCAACTGCCTTCTGCATTCTGCGTGTGCTGTGGGAGCTGC
GGGACAGCAGGAGGAGCGTGGTGGAGCGTCTGCGGGAGAAGTGCAGCCCGGAGGCGTC
ATTGGTGCCTCGTACGCTGCCGGCTTAGCCAAGGCCAGCGACAGGGCCCCCTGAGAGACAG
GAGGAGGCGCCCCACCCTCAGAAGATGCCTCCAACGGGCGGGAGCCAAAGCCCCCACT
TCCGACAAGTGCCTGCCTCACACCTCAGGTTCCAGGTGGACACAGCGAGTGGGTGCAA
GGAGAGGCTGGGGTTGCAGGTGACGAGGAGCCAGAGGCCAGAGAGCTGCATGCTGGGAGC
CCCTCGGCTCACGAGGCGCTCAGGCCCTGTGCGGCTCCAGCAGCTCCACAGCTGGGTCC
TGCTCCTCAGACAAGATGGGGCCAGAGGCGGCCCCAGCAGCCACGCATGCTGCCCCACAG
GCCACAAGAGAGAAGATCCGGTCCAGGTTCCACGGCAGCCACGACCTCATCCACCGCCTG
TTCGTCTGCATTTAGGTGTGGCTGACCACTGCAGACGAACTATGCCAGTGACCTGAGA
AGTATTCTTAAACACTGTTTGAGGTGATGGCCACCAAGCCTGAAACAGACGACAAGGAA
AAGTTAAGGAAGGTCACCCAGACTCTGCGGAGTGCAGCCTTGGAGGACTGTGCACTGTGC
CAGGAGACCCCTGTATCCTCTGAACTGGCAGCCAAGACCCGCGATGGGGACTTTGAAGAC
CCCCCGAGTGGGTGCCAGACGAGGCTGTGGCTTCTGCACGGCGTGCAAAGCACCTTC
ACCGTCTACCGCGGAAGCACCCTGCCGAGCTGTGGGAAGATCTTCTGCTGCGCTGC
TCTCGCACTCAGCACCGCTGCCCGCTACGGGAGGTGAAGCCGGTCCGAGTGTGCACC
CACTGCTACATGTTCCATGTACGCCCTTCTACAGCGACAAGGCCGGCCTGTGA
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Restriction Sites: Please inquire

ACCN: NM_001172659

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:	<u>NM_001172659.1</u> , <u>NP_001166130.1</u>
RefSeq Size:	4161 bp
RefSeq ORF:	2454 bp
Locus ID:	57732
UniProt ID:	<u>Q9HCC9</u>
Cytogenetics:	4p16.3
Gene Summary:	Negative regulator of epidermal growth factor receptor (EGFR) signaling. Acts by promoting EGFR degradation in endosomes when not monoubiquitinated.[UniProtKB/Swiss-Prot Function] Transcript Variant: This variant (1) represents the longest transcript and encodes isoform 1.