

Product datasheet for **SC328531**

ZNF185 (NM_001178115) Human Untagged Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	ZNF185 (NM_001178115) Human Untagged Clone
Tag:	Tag Free
Symbol:	ZNF185
Synonyms:	SCELL
Mammalian Cell Selection:	Neomycin
Vector:	pCMV6-Entry (PS100001)
E. coli Selection:	Kanamycin (25 ug/mL)
Fully Sequenced ORF:	<p>>NCBI ORF sequence for NM_001178115, the custom clone sequence may differ by one or more nucleotides</p> <pre> ATGGCCGCCCGGACGAGCTCGGCCTCGGCGGGATTCTTCTGAGCCATGCCCCGTGCCG GCCGCCAGAGGTCGCCCGAGGATCACGAATGGGCCGAGGAGCTGGCTGCCCTTCCCCC GCGGCCTTGGCTGATTATGAGGGGAAGGATGTGCCACCAGGGTCGGAGAGGCCTGGCAG GAGAGGCCTGGAGCTCCAAGAGGTGCCAAGGAGACCCAGCTGTACCCGCTCAGCAACCT GCAGATCCCAGCACCCAGAGCGGCAGAGCAGCCCGAGCGGATCTGAGCAACTTGTGAGA CGAGAGAGTTGTGGCAGCAGCGTGTGACTGATTTTGGGGGAAGGATGTGGCCACCAAG GTCGGAGAGGCCTGGCAGGACAGGCCTGGAGCCCCAAGAGGTGGCCAAGGAGACCCAGCT GTACCCACTCAGCAACCTGCAGATCCCAGTACCCAGAACAGCAGAACAGCCCCAGCGGA TCTGAGCAATTCGTCAGACGAGAGAGCTGCACCAGCAGGGTGAGGAGCCCCTCGAGCTGC ATGGTCACTGTTACTGTCACTGCCACATCTGAGCAGCCTCACATTATATTCCAGCCCCC GCAAGTGAATTGGACTCCAGCTCTACCACCAAAGGGATTCTCTTCGTGAAGGAGTACGTG AATGCTAGTGAAGTGTCTTCTGGGAAGCCAGTATCTGCACGCTATAGCAACGTCAGCAGC ATTGAGGACTCATTGCGCATGGAGAAGAAGCCTCCATGTGGCAGCACTCCATACTCTGAG AGGACAACCTGGAGGGATCTGTACTTACTGCAACCGTGAGATCCGAGACTGTCCAAAGATT ACCCTAGAACATCTTGGTATCTGCTGCCATGAATATTGCTTTAAGTGTGGGATTTGCAGT AAACCGATGGGCGATCTCCTGGATCAGATCTTCATTACCGTGACACCATTCACTGTGGG AAATGCTATGAGAAGCTCTTCTAG </pre>
Restriction Sites:	Please inquire
ACCN:	NM_001178115


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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:	<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_001178115.1, NP_001171586.1</u>
RefSeq Size:	3248 bp
RefSeq ORF:	984 bp
Locus ID:	7739
UniProt ID:	<u>O15231</u>
Cytogenetics:	Xq28
Gene Summary:	<p>Zinc-finger proteins bind nucleic acids and play important roles in various cellular functions, including cell proliferation, differentiation, and apoptosis. This gene encodes a LIM-domain zinc finger protein. The LIM domain is composed of two contiguous zinc finger domains, separated by a two-amino acid residue hydrophobic linker. The LIM domain mediates protein:protein interactions. Multiple alternatively spliced transcript variants encoding different isoforms have been identified.[provided by RefSeq, May 2010]</p> <p>Transcript Variant: This variant (9) lacks multiple 5' exons, but has an alternate 5' exon, as compared to variant 1. The resulting isoform (9) is much shorter and has a different N-terminus, as compared to isoform 1.</p>