

## Product datasheet for SC311529

### ZNF326 (NM\_182975) Human Untagged Clone

#### Product data:

Product Type:	Expression Plasmids
Product Name:	ZNF326 (NM_182975) Human Untagged Clone
Tag:	Tag Free
Symbol:	ZNF326
Synonyms:	dj871E2.1; ZAN75; Zfp326; ZIRD
Mammalian Cell Selection:	Neomycin
Vector:	pCMV6-Entry (PS100001)
E. coli Selection:	Kanamycin (25 ug/mL)
Fully Sequenced ORF:	>SC311529 representing NM_182975. Blue=Insert sequence Red=Cloning site Green=Tag(s)

GCTCGTTTAGTGAACCGTCAGAATTTTGAATACGACTCACTATAGGGCGGCCGGAATTCGTCGACTG  
 GATCCGGTACCGAGGAGATCTGCCGCCGCGATCGCC  
 ATGGACTTCGAGGACGATTACACACACTCCGCTGCAGGAATACTTATCAGGGCTTTAATGGAATGGAT  
 CGTGATTATGGCCCTGGATCTTATGGAGGGATGGATCGTGACTATGGCCATGGATCCTATGGGGTACG  
 AGATCCATGGATTCCTACCTAACCAGTCATATGGCATGGACAATCACAGTGGTGGTGGGGGTAGC  
 AGGTAA  
 ACGCGTACGCGGCCGCTCGAGCAGAACTCATCTCAGAAGAGGATCTGGCAGCAATGATATCCTGGAT  
 TACAAGGATGACGACGATAAGGTTAAACGGCCGGC

Restriction Sites:	SgfI-MluI
ACCN:	NM_182975
Insert Size:	213 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).
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.


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<b>Components:</b>	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).
<b>Reconstitution Method:</b>	<ol style="list-style-type: none"> <li>1. Centrifuge at 5,000xg for 5min.</li> <li>2. Carefully open the tube and add 100ul of sterile water to dissolve the DNA.</li> <li>3. Close the tube and incubate for 10 minutes at room temperature.</li> <li>4. Briefly vortex the tube and then do a quick spin (less than 5000xg) to concentrate the liquid at the bottom.</li> <li>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.</li> </ol>
<b>RefSeq:</b>	<a href="#">NM_182975.3</a>
<b>RefSeq Size:</b>	1611 bp
<b>RefSeq ORF:</b>	213 bp
<b>Locus ID:</b>	284695
<b>UniProt ID:</b>	<a href="#">Q5BKZ1</a>
<b>Cytogenetics:</b>	1p22.2
<b>Protein Families:</b>	Transcription Factors
<b>MW:</b>	7.7 kDa
<b>Gene Summary:</b>	<p>Core component of the DBIRD complex, a multiprotein complex that acts at the interface between core mRNP particles and RNA polymerase II (RNAPII) and integrates transcript elongation with the regulation of alternative splicing: the DBIRD complex affects local transcript elongation rates and alternative splicing of a large set of exons embedded in (A + T)-rich DNA regions. May play a role in neuronal differentiation and is able to bind DNA and activate expression in vitro.[UniProtKB/Swiss-Prot Function]</p> <p>Transcript Variant: This variant (3) uses an alternate 3' exon structure and differs in the 3' UTR and 3' coding region, compared to variant 1. The resulting isoform (3) has a shorter C-terminus compared to isoform 1.</p>