

Product datasheet for **SC325913**

ZNF577 (NM_001135590) Human Untagged Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	ZNF577 (NM_001135590) Human Untagged Clone
Tag:	Tag Free
Symbol:	ZNF577
Mammalian Cell Selection:	Neomycin
Vector:	pCMV6-Entry (PS100001)
E. coli Selection:	Kanamycin (25 ug/mL)
Fully Sequenced ORF:	>SC325913 representing NM_001135590. Blue=Insert sequence Red=Cloning site Green=Tag(s)

GCTCGTTTAGTGAACCGTCAGAATTTTGTAAACGACTCACTATAGGGCGGCCGGAATTCGTCGACTG
GATCCGGTACCGAGGAGATCTGCCGCC**CGCATCGCC**
ATGAAAAATGCCACGATTGTAATGTCTGTGAGGAGAGAGCAAGGCAGTTCTTCAGGGGAGGGGTCATTG
TCATTCGAAGATGTGGCTGTGGGCTTCACCGAGGAGGAGTGGCAGTTTTTGGACCACTCAGAAAGGTC
TTGTACAAGGAAGTAATGTTGGAGAACTACATCAACCTAGTATCAATAGGGTATCGAGGCACCAAGCCA
GATTCGCTCTTCAAGTTGGAGCAAGGAGAACCCCAAGGATAGCAGAAGGAGCAGCCACAGTCAAATC
TGTCAGGAGGGAACACATGAATGCAGTGTGTGCGGGAGAGCCTTCTCCAGGAAAGCAGAGCTTATT
CAACATCAGAGAACTGAAAGAGGAGAGAAACCCATGGATGTGGTGAATGTGGGAAACATTTCATGAGG
AAGATTCAGTCACTGAGCATCAGAGAACTCACACAGGAGAGAAAGCCCATGAATGTAGTGAATGTGGA
AAAGCCTTCTCCAGAAAGTCACAGCTCATGGTCCATCAGAGAACCCATACAGGAGAGAAACCTACAGA
TGCAGCAATGCGGAAAAGCCTTCAGCCGGAAGTGCCGGCTCAATAGACATCAGCGATCACATACTGGA
GAGAACTCTATGGGTGCAGTGTGTGTGGGAAAGCCTTTTCTCAGAAGGCATACCTCACTGCACACCAG
AGACTTCACACAGGAGATAAGCCTTATAAATGCAGTGATTGTGGAAGAACCTTCTATTTTAAGTCAGAC
CTGACCAGACATCAGAGGATTACACGGGAGAGAAACCTTATGAATGTAGTGAGTGTGAAAAAGCCTTT
AGAAGCAAGTCGAAGCTCATTAGCATCAGCGTACTCACACTGGAGAGAGACCATATTTCGACAGAGAA
TGTGGCAAAGCCTTTGCCACATGTCAGTCCTCATTAAACATGAGAAAACCTCACATAAGAGAGACAGCC
ATAAATCACTGACGGTGGAGAAACCTTCTCAAGGAGTCATACCTCCTTATACATGAGCGAACTCATA
CAAGAGCAAAAGACTGTGAACACAGTACCTATAGAAATGCCTTCCTCAGGAACCCCGCCATTGTTAAAC
AAGAGTGAGCGCCTAGTGGGCAGAAATGTAGTGATTGTGGAACAACCTTTTCAAGAAATCAAGCCTTT
GTAGTTAATCAGGAATTTGAACAGAGAATAAGCCTCACAAATGAAGTGAATGTGGCCCCATCAGTAATA
AATTATATCTTGATCTTACAGATATTGTATCAGAA**TA**
ACGCGTACGCGGCCGCTCGAGCAGAAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGAT
TACAAGGATGACGACGATAAGGTTTAAACGGCCGGC

Restriction Sites: SgfI-MluI



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ACCN:	NM_001135590
Insert Size:	1281 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.
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_001135590.1</u>
RefSeq Size:	2943 bp
RefSeq ORF:	1281 bp
Locus ID:	84765
UniProt ID:	<u>Q9BSK1</u>
Cytogenetics:	19q13.41
Protein Families:	Transcription Factors
MW:	48.4 kDa
Gene Summary:	May be involved in transcriptional regulation.[UniProtKB/Swiss-Prot Function] Transcript Variant: This variant (2) differs in the 5' UTR and uses an alternate in-frame splice site in the 3' coding region, compared to variant 1. The resulting isoform (b) is shorter than isoform a.