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Product datasheet for SC337300

ZNF227 (NM_001289170) Human Untagged Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	ZNF227 (NM_001289170) Human Untagged Clone
Tag:	Tag Free
Symbol:	ZNF227
Mammalian Cell Selection:	Neomycin
Vector:	pCMV6-Entry (PS100001)
E. coli Selection:	Kanamycin (25 ug/mL)

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Fully Sequenced ORF: >NCBI ORF sequence for NM_001289170, the custom clone sequence may differ by one or more nucleotides

ATGGTGGAGAACTTCAAGAACCTGGTTGCAGTGGGCAGCAAGCATCAAAATAAGATGGAAACACTCCAAA
AATTTGCATTAAAATACCTTTCAAATCAAGAGCTGTCCTGCTGGCAAATCTGGAAACAGGTTGCAAGTGA
ATTAACCAGGTGTCTTCAGGGGAAGAGTTCCCAGTTATTACAAGGTGACTCTATTCAGGTTTCTGAAAAT
GAGAACAATATAATGAACCCTAAAGGAGATAGCTCTATTTATATTGAAAATCAAGAGTTTCCATTTTGGA
GAACCCAGCATTCTTGCGGGAATACATATCTGAGTGAGTCACAGATTCAGAGTAGAGGTAAGCAAATTGA
TGTGAAAAATAACCTGCAAATACATGAAGACTTCATGAAGAAATCACCATTTCATGAGCATATTAAAACT
GACACAGAACCAAAACCCTGCAAAGGTAATGAATATGGCAAAATCATTAGTGATGGCTCCAATCAGAAAT
TACCCTTAGGAGAGAAACCCCATCCATGTGGTGAGTGTGGAAGGGGCTTCAGTTATAGCCCAAGGCTTCC
CCTTCATCCGAATGTTCATACAGGAGAAAAATGCTTCAGTCAAAGCTCACATCTGCGAACTCATCAGAGA
ATTCACCCAGGAGAGAAACTCAATAGATGTCATGAATCTGGTGATTGCTTCAATAAGAGCTCTTTTCATT
CTTATCAATCTAATCATACAGGAGAGAAGTCTTATAGATGCGACAGTTGCGGCAAGGGATTCAGTAGCAG
CACGGGTCTTATCATTCATTACAGAACTCATACTGGAGAGAAACCCTATAAATGCGAGGAATGTGGTAAA
TGCTTTAGTCAAAGTTCAAATTTTCAGTGCCATCAGAGAGTCCACACTGAAGAAAAACCATACAAATGCG
AAGAGTGTGGTAAGGGCTTCGGTTGGAGTGTTAATCTCCGTGTTCACCAGAGGGTCCACAGGGGTGAGAA
GCCCTATAAATGTGAGGAATGTGGTAAGGGCTTCACTCAGGCTGCACATTTTCACATCCATCAGAGAGTC
CACACTGGAGAGAAACCCTACAAGTGTGATGTGTGTGGTAAGGGCTTCAGCCACAATTCACCATTAATAT
GCCATCGGAGAGTCCACACAGGAGAGAAGCCATACAAGTGTGAGGCGTGTGGGAAAGGCTTTACCCGTAA
TACAGATCTGCATATTCATTTCAGAGTTCACACGGGAGAGAAACCCTATAAATGTAAGGAGTGTGGTAAG
GGCTTCAGTCAGGCTTCAAATCTTCAAGTCCATCAGAATGTCCACACTGGGGAGAAACGATTCAAGTGTG
AAACGTGTGGGAAGGGCTTCAGTCAGTCCTCAAAGCTTCAAACCCATCAGCGAGTCCACACTGGAGAGAA
ACCATATAGATGTGATGTGTGTGGTAAGGACTTCAGTTATAGTTCAAATCTTAAACTACACCAAGTAATT
CACACTGGAGAAAAACCATATAAATGTGAGGAATGTGGGAAGGGCTTCAGTTGGAGATCAAATCTTCATG
CACATCAAAGAGTTCACTCAGGAGAAAAACCCTATAAATGTGAGCAGTGTGATAAGAGCTTCAGTCAGGC
CATAGATTTTCGGGTACATCAGAGAGTCCATACTGGAGAGAAGCCATACAAATGTGGTGTCTGTGGTAAG
GGCTTCAGTCAGTCCTCTGGTCTTCAATCCCATCAGAGAGTCCACACGGGGGAAAAGCCATACAAATGTG
ATGTGTGTGGAAAGGGCTTTAGATACAGTTCGCAGTTTATATACCATCAGAGAGGCCACACTGGAGAAAA
ACCTTACAAATGTGAAGAGTGTGGGAAAGGCTTTGGTAGGAGCTTGAATCTTCGCCATCATCAGAGGGTC
CACACGGGAGAGAAACCCCATATATGTGAGGAGTGTGGTAAGGCCTTCAGTCTCCCCTCAAATCTTCGAG
TCCACCTGGGTGTTCACACCAGGGAAAAACTCTTTAAATGTGAAGAGTGTGGTAAAGGCTTCAGTCAGAG
TGCACGTCTTGAAGCCCATCAGAGAGTCCACACTGGAGAAAAACCATACAAATGTGACATATGTGATAAG
GACTTCCGTCACCGTTCACGTCTTACATATCATCAGAAAGTCCATACTGGTAAAAAGCTTTAG

Restriction Sites: SgfI-MluI

ACCN: NM_001289170

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).

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_001289170.1, NP_001276099.1
RefSeq Size:	2927 bp
RefSeq ORF:	2163 bp
Locus ID:	7770
UniProt ID:	Q86WZ6
Cytogenetics:	19q13.31
Protein Families:	Transcription Factors
Gene Summary:	May be involved in transcriptional regulation.[UniProtKB/Swiss-Prot Function] Transcript Variant: This variant (6) differs in its 5' UTR, uses a downstream start codon, and lacks an in-frame exon in the central coding region, compared to variant 1. The encoded isoform (c) is shorter, compared to isoform a. Variants 6 and 7 encode the same isoform.