

Product datasheet for **SC113072**

Zinc finger protein 287 (ZNF287) (NM_020653) Human Untagged Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	Zinc finger protein 287 (ZNF287) (NM_020653) Human Untagged Clone
Tag:	Tag Free
Symbol:	Zinc finger protein 287
Synonyms:	ZKSCAN13; ZSCAN45
Mammalian Cell Selection:	None
Vector:	<u>pCMV6-XL4</u>
E. coli Selection:	Ampicillin (100 ug/mL)



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Fully Sequenced ORF: >OriGene ORF within SC113072 sequence for NM_020653 edited (data generated by NextGen Sequencing)

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ATGTTAGCCTCAAGCAAGAGGATGAACAGTTCTTCACGTTCTCAAATCCTTCTAAGGTGG
AAGTCAGACAAGGCTCAGAGTGGACCCTACAATGTTGAGAAGGAAATCCTTACTTCAAGA
TTCTTGCGTGACACTGAGACCTGTCGACAGAATTTTAGGAATTTTCCATACCCAGACCTG
GCTGGTCTCGAAAGGCATTGAGTCAACTCCGAGAGCTCTGCCTTAAGTGGCTGAGACCT
GAGATTCACCTCAAAGGAACAAATTTTGGAGCTGCTGGTGGTGGAGCAATTCCTGACCATC
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GTGACTCTGGTGGAGGATTTGACTCAGATTCTAGAAGAGGAAGCTCCTCAAACTCTACC
CTTTCCCAAGATACCCAGAGGAAGACCCAGAGGAAACATGCTTCCAGACAGGATGG
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GAGAGACCCTATAAATGTAATGAATGTGATAAGGATTTAGCCAGAGAACATGCCTTATT
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AATTAA

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Clone variation with respect to NM_020653.2

5' Read Nucleotide Sequence:

>OriGene 5' read for NM_020653 unedited
TATTTTGTAAACGACTCACTATAGGGCGGCCGGAATTCGGCACCAGCCGAGGCGAGGT
CGCGGCTAAGCAGAGGCGCCGGGTTTCTGGGCGGGCTTCTCAGGACCGGGCTGGAACG
TGCAGCTCCTGGCCGGGACACTCTGTGCTTTCGGGGAAGGGAAGTGGCGGAGCCCGAGG
ATCCGCTGCCGCTCGGGACTGAGCCCGCCACGCAGGCGCCTGTGCCAGCGTCGCCATTGT
TGCTGTGGCCTTAGGGCCGCTCCGGCTGCCCGTCGGCCGGGTCCAGCGACAGCTCCAT
CCCCACCAACCCCAAGCAGATGGCAGTCCCTTACAAGTCTAAGGATATAGGGGAGGAA
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TAACTCTACCTTGATTCTGTTCTGCCCTCGGCTGCAGCAGCCTTTGATATAGTGCCTTG
TGA CTCTAGCATGAGACTTCAAGCAGTTGGCTCACTACTGGAGAAATAAAGGATATTGCC
AGATTGACTCTCTGTCTGTAGCAATGTTAGCCTCAAGCAAGAGGATGAACAGTTCTTCA
CGTTCTCAAACTCTTCTAAGGTGGAAGTCAGACAAGGCTCAGAGTGACCCCTACAATGTT
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ANGAATTTTCCATACCCAGACCTGGCTGGTCTCGAAAGGCATTGAGTCAACTCCGAGAG
CTCTGCCTTAAGTGGCTGAGACCTGAGATTCACCTANAGGACAANATTTGGAGCTGCTGG
TGCTGGNAGCATTCTGACCTCCCTGCTGGTGAGGNTAGACTGGNGTAAGTCCCAGATCC
ANAGAGCNCGAGAACCATGACTCTGTGGGAGATTGACTCAGATCTAGAGAGGAGCTCTCA
AACCTACCTT

3' Read Nucleotide Sequence:

>OriGene 3' read for NM_020653 unedited
CTCTGTCCACGCGGCACGCAATCTAGAGATCGAGTTTTTTTTTTTTTTTTTTTTTTTTT
TTTTTTGAACTGGACAAATCCATTATCTGGAATTTTTTTTCTCACTGAACAGAAG
TTTGAAAGCACATTATTAGGGATGGGAAACCTGCATAAATGTAGGGCTTTTCATATAC
ACAGGTTCCACCAGGCTGACCGGGCAACTTGAGTATGGGTAGATTTTCGTATACATGGGG
GGGCTGGAACCAATCCCCGAGTATACCAAGGATAAGGGGACTTGAAATAAAAGTTG
ATGAGTTATGTTTTGAATACCTTTCACAGGTTTCTTCTGGAATGAATTAATCATA
TCAAAATTAAGGGTAAAAAGCCAAGTTCCTTCTTAAATTTACATTAAATCTAAATAGGG
TATATCCATACCACTACTTCTGATACTTCTGCTGAGTATCTAACATATTGCACTTCTTCA
AACTTCTTCTGAATGTTCTGACCATAGAATGCACAAAACAAATGAAACAAAGTTGTA
AAACCGAATTGAAGTTTCCCTTATCCATTAAATACGATGTTTGGCACCTGTATGAACACG
TTGATGCTGAATAAGGGTTGTA CTCTGGGGAAGGTTTTACCACATATACCACATGCATA
GGGTTTCTCTCTGAGAGAATTCTCTGGCGTTGAATAAAGCATGTTCCCTGGCTAAATC
CTTATCACATTACATTATATAGGGTCTCCTCTCCAGCATGGAGTCTCTCGAGGTC
GATTAAGCGGATGAAGGAATAAATGAAAGCCTCTCCACATCTCATTACACTTTTATAGG
TTTTCTTCCAGTATAGATACCTCTGGATGCTGGAAAAAATTAGCGCCCTTGTCTATTG
GCTCTCCACATATATTGGCATTAAAGAGGTTCTTCCCTTTAGAATCCCCTGAGGCTG
AACAGAGCGCCACCTCTGGCTGAATGCCTTCCCC

Restriction Sites:

NotI-NotI

ACCN:

NM_020653

Insert Size:

2940 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).

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_020653.1, NP_065704.1</u>
RefSeq Size:	4278 bp
RefSeq ORF:	2265 bp
Locus ID:	57336
UniProt ID:	<u>Q9HBT7</u>
Cytogenetics:	17p11.2
Domains:	KRAB, LER, zf-C2H2
Protein Families:	Transcription Factors
Gene Summary:	This gene encodes a member of the krueppel family of zinc finger proteins, suggesting a role as a transcription factor. Its specific function has not been determined. This gene is located near the Smith-Magenis syndrome region on chromosome 17. [provided by RefSeq, Jul 2008] Transcript Variant: This variant (2) differs in the 5' UTR compared to variant 1. Variants 1-4 all encode the same isoform (a). Sequence Note: This RefSeq record was created from transcript and genomic sequence data to make the sequence consistent with the reference genome assembly. The genomic coordinates used for the transcript record were based on transcript alignments.