

Product datasheet for **SC100207**

ZNF25 (NM_145011) Human Untagged Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	ZNF25 (NM_145011) Human Untagged Clone
Tag:	Tag Free
Symbol:	ZNF25
Synonyms:	KOX19; Zfp9
Mammalian Cell Selection:	None
Vector:	<u>pCMV6-XL4</u>
E. coli Selection:	Ampicillin (100 ug/mL)
Fully Sequenced ORF:	>OriGene ORF within SC100207 sequence for NM_145011 edited (data generated by NextGen Sequencing) <pre> ATGAACAAGTTCAGGGACCCGTGACATTAAAGGATGTTATTGTGGAATTCACCAAGGAA GAATGGAAGTTACTGACCCCTGCTCAGAGGACTCTGTATAAGGATGTGATGCTGGAAAAC TATAGTCACCTTGTCTCAGTGGGTTACCATGTGAATAAGCCAAATGCAGTCTTCAAGTTG AAGCAAGGAAAAGAGCCATGGATATTAGAAGTAGAATTTCCACATCGGGGCTTCCCTGAA GACCTATGGAGCATTCATGATCTAGAAGCAAGATACCAGGAAAGCCAAGCTGGAAATTCA AGGAATGGAGAACTCACAAAACATCAGAAAACCTACACCACAGAGAAAGCCTGTGAATGT AAGGAATGTGGGAAGTTCTTCTGCCAGAAGTCTGCCCTCATAGTACATCAGCATACTCAC TCAAAGGGCAAATCCTATGACTGTGATAAATGTGGGAAATCTTTCTCTAAAAATGAAGAC CTCATAAGACATCAGAAAATTCACACGAGAGATAAAACCTATGAGTGTAAAGAATGTAAG AAAATATTTTACCACCTATCATCTCTCAGTAGACATCTGAGAACCCTATGCAGGAGAGAAA CCCTATGAATGTAATCAGTGTGAAAAATCCTTCTACCAGAAACCACATCTCACAGAACAT CAGAAAACACACAGGGGAGAAACCTTTTGAATGTACTGAATGTGGGAAGTTCTTCTAT GTGAAGGCATACCTCATGGTACATCAGAAAACACACAGGGGAGAAACCTATGAGTGT AAGGAGTGTGGGAAAGCCTTTTCCAGAAGTCACACCTCAGTACATCAGAGAATGCAC ACAGGGGAGAAACCTATAAATGTAAGGAATGTGGGAAATCTTCTCTAGGAATTCACAC CTCAAACTCATCAGAGAAGTCACACAGGAGAGAAACCTATGAATGTAAGGAATGTAGG AAATGCTTCTACCAGAAGTCAGCCCTCAGTACATCAGCGAACTCACACAGGGGAGAAA CCCTTTGAATGTAATAAATGTGGGAAAACATTTTACTATAAATCAGACCTCACTAAACAT CAGAGAAAACACACAGGGGAGAAAGCCCTATGAATGCACAGAATGTGGCAAATCTTTTGT GTGAATTCAGTCTCAGATTACATCAAAGGACTCACACAGGAGAGAAGCCCTATGCATGC AAGGAATGTGGGAAGTCCTTTTCTCAGAAGTCACATTTTATTATACATCAGAGAAAACAC ACAGGGGAGAAAGCCCTATGAGTGTGAGGAGTGTGGGAAACCTTTATCCAGAAGTCACAA CTCACTGCACATCAGAAGACACACAAAGAAGGAATGCTGAGAAGTAA </pre>

Clone variation with respect to NM_145011.2



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5' Read Nucleotide Sequence:

>OriGene 5' read for NM_145011 unedited
 NGGGGTCAAATTTGTATACGACTCACTATAGGCGGCCGGAATTCGGCACGAGGGGACT
 CCGGTGCTCCGGGTCTGGGCTGGGCGCAAAGCGGGGCTGGGCCGGCGGGCCGG
 GAGCAGAGGCCGAGACCTGCAGGTGATTCTGGGGCTGCCAGCTAAGGTCCCTTATGAT
 TTCTGCTCTGGCTTTGCAGTTTTAGCCTTTCCCAAGAGCAGCAGAAAATGAACAAGTTC
 CAGGGACCCGTGACATTAAAGGATGTTATTGTGGAATTCACCAAGGAAGAATGGAAGTTA
 CTGACCCCTGCTCAGAGGACTCTGTATAAGGATGTGATGCTGGAAGCTATAGTCACCTT
 GTCTCAGTGGGTTACCATGTGAATAAGCCAAATGCAGTCTTCAAGTTGAAGCAAGGAAAA
 GAGCCATGGATATTAGAAGTAGAATTTCCACATCGGGGCTTCCCTGAAGACCTATGGAGC
 ATTCATGATCTAGAAGCAAGATACCAGGAAAGCCAAGCTGGAATTCAGGAATGGAGAA
 CTCACAAAACATCAGAAAACCTACACAGAGAAAGCCTGTGAATGTAAGGAATGTGGG
 AAGTTCTTCTGCCAGAAGTCTGCCCTCATAGTACATCAGCATACTCACTCAAAGGGCAAA
 TCCTATGACTGTGATAAATGTGGGAAATCTTTCTAAAAATGAAGACCTCATAAGACAT
 CAGAAAATTCACACGAGAGATAAAACCTATGAGTGNTAAGAAATGTAGAAAATATTTTAC
 CACCTATCATCTCTCAGTAGACATCTGAGAACCCTATGCANGAGAGAAACCCTATGATGT
 NATCAGTGTGAAAAATNCNTCTACCAGAAACCCATCTCACAGAACATCAGAAAACACAC
 AGGGGAGAAACCTTTTGNAGT

3' Read Nucleotide Sequence:

>OriGene 3' read for NM_145011 unedited
 NNNNGGGTTTAGCTATGNNACCGCGGCCCAANCTANGATCGAGTTTTTTTTTTTTTTA
 TTTGATTTAGACAATGTTTATTTTATATGTTTACTGCTACATTCCATCAAGAAATTTCTT
 GTTTTGATGTTATGACAATTTAGCAAGTAAAAAACACATTTCTTAGAAAAAATACTTCT
 AAGCTCAGGCTCTTAACATATAAATATAATGCACAAAATAAATACTGCAAAAAACAC
 CCACCTACAAATTGCTGTATGCATATTTCTGAAACATGAAATACTTATAAAAGCGTAAC
 TCTACATTGCTTTTATTTTCTAGCTCTAAGTAACAGAAAACTTACTTTGTAAAGTGCTAG
 ATCTTAGGCTCAAGGGCATGTGGTGTCTGCTACAACTACTCAACTCTGCTGGGGTAGTGC
 AAAGACAGCCACAGGTCAAACATAAATAGGTGTTTTTTGTTTGTATTGTTTCAAAA
 CTTTATTTATGGACACTGAAATTTGAATATCATATAATTTTATGTTGTCACAATATTCTT
 TGATTCTTTCAACCATTAGAAAATAAAACCATTCTTAGCTTGCAAGGATACAAAATGG
 GTAGTGGGCCAGATCTGTCTGATGGACTGTCATTTGTCAAACCCTGACTTAGTGATGTCA
 GGATCTGCCCCCTAAATCACTTGTAGGAAAACAAACAACAACAACCAATCAAGGC
 ACTGGCAGCAAGAAGGTGGGGAATGAATGTTGGGTAGCCAACATTTTTTTTATTTTGA
 GCGTAATTCACAAAATACAAATAATGATGATAACCTCTACATATAGCTCTGTGTCTCAG
 AACTATTCTTAGTGCTTTGAAATGTAAA

Restriction Sites:

NotI-NotI

ACCN:

NM_145011

Insert Size:

4000 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_145011.2, NP_659448.1</u>
RefSeq Size:	3736 bp
RefSeq ORF:	1371 bp
Locus ID:	219749
UniProt ID:	<u>P17030</u>
Cytogenetics:	10p11.21
Domains:	KRAB, zf-C2H2
Protein Families:	Transcription Factors
Gene Summary:	May be involved in transcriptional regulation.[UniProtKB/Swiss-Prot Function] Transcript Variant: This variant (4) encodes isoform b, as do variants 5-9. 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.