

Product datasheet for **SC327600**

C20orf19 (KIZ) (NM_001163022) Human Untagged Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	C20orf19 (KIZ) (NM_001163022) Human Untagged Clone
Tag:	Tag Free
Symbol:	KIZ
Synonyms:	C20orf19; HT013; Kizuna; NCRNA00153; PLK1S1; RP69
Mammalian Cell Selection:	None
Vector:	<u>pCMV6-XL5</u>
E. coli Selection:	Ampicillin (100 ug/mL)



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Fully Sequenced ORF:	>NCBI ORF sequence for NM_001163022, the custom clone sequence may differ by one or more nucleotides ATGCAGCTCGAATATGAGACTCAAATTAAGAAGATGCTATGCTCAAAAGATAGCCTGGGA CTAAAAGAGGAACTGACAGATGAAGACAGAGAAAAGTTGCAGTGCACGAGGGGATTAAC TCAGGAACAGCCATGTCAAGAGGATTGTATCAACCAGCAACAATCTTTATGGGCCGCCAA ATGTCAGCCATCTTAAGCATGAGAGATTTCAGTACAGAGCACAAATCTCCCCAGCCACA AAGAACTTTTCAATTCCTGACCCACATTCACACCGACAGACGCCAGAGCAGTAATGTG ACAGACAGCTGTGTAGTACAAACTAGTAATGACACACAGTGCTTAAATAAGTCTGACAAC ATAGATGGAAAGGCATCTCTCAGATTGGTGAGAAAATGCCAGTCACAGCCAGTGTATTG TCTGAGGAGGAACAACTCATTGCTTGGAGATAGGAAGTAACACACGTCATGGCAAGAGT AATTTATCTGAAGGCAAAAAGTCTGCTGAACTCAATTCGCCGTTACGGGAAAGATTAAGT CCAGAGAACAGAACCCTGATTTAAAGTGTGACAGTTCACAGCGGATCAGAGGGAGAAATA CTGACACGGGAACATATTGAAGTTGAGGAAAAAGAGCCAGCCCGCCAGTCTCTCCGATA CCAGTTTCAGAATACTGTGAATCTGAAAATAAGTGGTCTCAAGAGAAGCATTCTCCTTGG GAAGGTGTTTCAGATCATCTTGCTCACAGGGAACCAAAGTCACAAAAGCCCTTCAGAAAA ATGCAGGAAGAGGAGGAGAAAGTTGGAGCACCAGCAGTGACCTTACCATTTCAATAAGT GAAGATGATCTGATTTTAGAGAGCCAGAACACAGCCAAATCCAGGTGGCAAGATGGAG GGAGAAGATGGAATAGAGGCCTTAAATTAATCCATGCTGAGCAAGAAAGAGTTGCCCTA TCCACTGAAAAAATGTATTTTGCAAACCCTAAGCTCTCCTGATTCAGAAAAGGAATCC TCCACTAACGCACCAACAAGAGAACCTGGACAAACACCAGACTCAGACGTACCGAGGGCA CAGGTGGGTGACAGTGTGCCACCTTAAAAGAACATGATAATTCTGTCAAAGAAGAGGCA ACAGCATTATTGAGAAAAGCCCTTACAGAAGAGTGTGGCCGTAGGTCAGCTATTCACAGT AGTGAATCATCTTGACAGTTGCCATCTATTCTGAATGACAATAGTGAATAAAGGAAGCC AAAACCTGCTGTATGGCTCAACAGTGTTCCCTACAAGGGAACAAGAAGTTTCAAGTGGCTGT GGAGACAAGAGCAAGAAAGAAAATGTGGCTGCAGATATCCAATCACAGAAACAGAAAGCC TATCAGTTGCTGAAGAAGGCCACCCTTCAGGATAATACAAATCAAAGTAAAACAGGTTT CAAAAGACAGATGCTTCTGTGTCACACTTGTGAGGTTTGAATATTGGCAGCGGTGCATTC GAGACAAAGACAGCTAACAAAATGCTTCGGAAGCTAGTTTTTTCATAGTGAAGGAAGT CCTTTGTCAAGGCATGAAAACAAAAGAAACCCGTGATCAATTTAAAATCTAATGCCCTC TGGGATGAGTCTGATGACAGTAACCTCAGAAATTGAGGCTGCTTTACGCCCCAGAAACCAT AACACCGATGATTCTGATGATTTTTATGAC
Restriction Sites:	Please inquire
ACCN:	NM_001163022
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: [NM_001163022.1](#), [NP_001156494.1](#)

RefSeq Size: 2166 bp

RefSeq ORF: 1713 bp

Locus ID: 55857

UniProt ID: [Q2M2Z5](#)

Cytogenetics: 20p11.23

Gene Summary: The protein encoded by this gene localizes to centrosomes, strengthening and stabilizing the pericentriolar region prior to spindle formation. The encoded protein usually remains with the mother centrosome after centrosomal duplication. Several transcript variants encoding different isoforms have been found for this gene. [provided by RefSeq, Feb 2013]
Transcript Variant: This variant (2) lacks an alternate exon in the 5' coding region, compared to variant 1. This difference causes translation initiation at a downstream AUG, producing isoform (2) with a shorter and distinct N-terminus compared to isoform 1.