

Product datasheet for **SC102600**

LOC285498 (RNF212) (AK096160) Human Untagged Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	LOC285498 (RNF212) (AK096160) Human Untagged Clone
Tag:	Tag Free
Symbol:	LOC285498
Synonyms:	ZHP3
Mammalian Cell Selection:	None
Vector:	<u>pCMV6-XL4</u>
E. coli Selection:	Ampicillin (100 ug/mL)
Fully Sequenced ORF:	>NCBI ORF sequence for AK096160, the custom clone sequence may differ by one or more nucleotides

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ATGGCCAACTGGGTGTTCTGTAATCGCTGCTTCCAGCCGCCACAGGACGTCGTGCTTCAGCCTCACCA  
ACTGCGGGCACGTGACTGCGACGCCTGCCTCGGCAAAGGTA AAAAGAATGAATGCTTGATTTGTA AAGC  
TCCTTGTGCTACAGTTTTGCTTTCAAAGCATACCGACGCAGATATCCAGGCATTCTTCATGAGCATAGAC  
AGTCTGTGTAAGAAGTACTCCAGGGAAACCTCCCAGATTTTAGAATTTCAAGAAAAACACAGGAAGAGAT  
TGTTAGCCTTCTATAGAGAAAAGATTTCTAGGTTGGAAGAATCCCTTAGGAAGTCAGTGTGCAGATAGA  
ACAAC TACA AAGTATGAGATCATCACAACAACAGCTTTCAGCACAATAAAAAGTT CAGTTTCAACAAAA  
CCACACGGATGCCTGCTGCCACCTCACTCATCAGCCCCGACAGACTGGAGTCGATGGAAGTTGATCTCT  
CTCCTTCCGATTAGAAAATCTGAGATAGCAGCCGGCCCTGCGAGAATCTCCATGATTAGTCCACCTCA  
AGATGGACGAATGGCCCCCTGTGCCCGGAGAGTGTGTCATTTCCAGAGGTTACCCATGTTTCTGCATAGA  
CGTCTGTCTCACTGGCTGCTCCTCCTAGCGTT CAGTTCTGGAAGGCACGGGGA ACTCACCAACTCTAA
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5' Read Nucleotide Sequence:

>OriGene 5' read for AK096160 unedited
 CAAATTTTGTATACGACTCACTATAGGCGGCCGCGAATTCGCACCAGCTTGCCTGGGCTT
 CGCGTGGGCCCCGCTCGCCGCTGCGGTGCGCCGCTGGCATGGCCAACCTGGGTGTTCTG
 TAATCGCTGCTCCAGCCGCCCCACAGGACGTCGTGCTTACAGCTCACCACCTGCGGGCA
 CGTGTACTGCGACGCCTGCCTCGGCAAAGACCGACGAGATATCCAGGCATTCTTCATGA
 GCATAGACAGTCTGTGTAAGAAGTACTCCAGGGAAACCTCCAGATTTTAGAATTTCAAG
 AAAACACAGGAAGAGATTGTTAGCCTTCTATAGAGAAAAGATTTCTAGGTTGGAAGAAT
 CCTTAGGAAGTCAGTGCTGCAGATAGAACAACCTACAAAGTATGAGATCATCACAAACAA
 CAGCTTTCAGCACAATAAAAAGTTCAAGTTTCAACAAAACACACGGATGCCTGCTGCCAC
 CTCACTCATCAGCCCCGACAGTCTGAGATAGCAGCCGGCCCTGCGAGAATCTCCATGAT
 TAGTCCACCTCAAGATGGACGAATGGCCCCCTGTGCCGGAGAGTGTGTCATTTCCAGAG
 GTTCACCATGTTTCTGCATAGACGTCTGTCCTCACTGGTGTCTCCTCTAGCGTTCAGTT
 CTGGGAGGCACGGNAACCTACCAACTCTAAAACACTTCCAATATATGCTGAGGTACAAA
 GGGCCGCTTGTGTTTTCGTTCCAGCAGGCTGAGGGCACCTGNACACGTTCCAGACACCCGC
 TGGGTCTGGTGTGTTTCTCTTTGCCAATTTGAAAGGGAAAAGTCATTTTGATTNGCATT
 TATGTGACTATTAATGATTCTTGATGGTTTCAATTATTCTCTGGGGTTTTTCTACAAAT
 ATCTGCTTATCCCTTGTCAATTATGGGGAGCCCTCATGTGCAGATATAACCTTTACCCNA
 TTGCTTGNATTTTAATTG

3' Read Nucleotide Sequence:

>OriGene 3' read for AK096160 unedited
 AAAACTGTGTTANCGCGCCGCAATTTCTAGATCGCATTTTTTCTTTTTTTTTTATAT
 TTTGCAATTTTCAATTTTCTGATAAGGAAATGCATCCAAAAAAGAACACAAAAAAG
 AAATGTATCCAAAATATACACAGGACTCTTAAAACCAACAATAAGAAAACAATCCAAT
 TAAAAAATGGGCCAAATACCTTAACAGACACTTACGAAAAGAAGATATGCAGATGAAAA
 TCAGCATAAGATGCTCCTAGTCATATGTTATCAATGAAATGCAAAAATAAACAGCAAGAT
 ACCACTACATACCTATCAGCTGGCCAAAATCCAGAACACTGACATCATCAATGTGAGGA
 CGTGGAGCAACAGGAACCTCATTTCGTTGCTAGTGGGAATGCGAAAAGCTGCTGCCACCC
 TGGAAGGTAGCTCGGCAATTTCTTTCAAACCTAAAACACCTCTCACCATCTGATCCAGCA
 TTCACACTCCTTACTATTTACCCAAAGGAGCTGAAAACATGTCTACACACGAACCCTGGC
 ACATGGACATCTATGGCAACCTAAATCATAATTGCCAAAACCTTGGAAATCCACCAAGAGGC
 CCGTTTCGAAGGGGAAGTGGAGAAGTACGAGCCACGCGGAGATGGCATATCATTCACTGG
 CCTGAAAAAATGAGCTAGCCACACGAAAAGAAAGGGGGGAACAGATATGTGGATTG
 GATAGTTAAAAGGAGTGATAATGAAGAAGCGAGAAAAGAGAAATGTCGAGCGTCGGAAAG
 ATTTGAAAGAGGGCCGACAACAAAAAAGTGCCTATCAAGGTTGGGTGGAAAAAGGGAA
 CAAATAAAGGGAAGGTCGCGGGCGGTACGGGCTCCCCANACCCCGTCCCGCTACCTCA
 GGCGCGCCCCCGCCGACCGCGG

Restriction Sites:

NotI-NotI

ACCN:

AK096160

Insert Size:

2500 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: [AK096160.1](#), [BAC04714.1](#)

RefSeq Size: 2333 bp

RefSeq ORF: 699 bp

Locus ID: 285498

Cytogenetics: 4p16.3

Gene Summary: This gene encodes a RING finger protein that may function as a ubiquitin ligase. The encoded protein may be involved in meiotic recombination. This gene is located within a linkage disequilibrium block and polymorphisms in this gene may influence recombination rates. Alternate splicing results in multiple transcript variants.[provided by RefSeq, Oct 2010]