

Product datasheet for **SC105074**

KIAA0460 (RPRD2) (AK056707) Human Untagged Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	KIAA0460 (RPRD2) (AK056707) Human Untagged Clone
Tag:	Tag Free
Symbol:	KIAA0460
Synonyms:	HSPC099; KIAA0460
Mammalian Cell Selection:	None
Vector:	<u>pCMV6-XL4</u>
E. coli Selection:	Ampicillin (100 ug/mL)
Fully Sequenced ORF:	>NCBI ORF sequence for AK056707, the custom clone sequence may differ by one or more nucleotides

ATGGCGGCCGGCGGCGGAGGCAGCAGTAAGGCCTCCTCCTCGTCGGCCTCTTCGGCAGGGGCTCTGG
AGTCCTCGTTGGATCGAAAAATCCAGTCGGTAACCAACCCATGGAGTCCATTCAAGGCTTGTCGTCTTG
GTGTATAGAGAACAAAAACACCACAGTACTATCGTCTATCATTGGATGAAGTGGCTCCGGAGATCTGCA
TATCCCCACCGTTTGAATCTCTTTACCTTGCCATGATGTCATACAGAACTGTAAAGGAAAAATGCAA
TCATATCCGTGAATCATTTGCTGATGTACTTCTGAAGCAGCTGCTCTAGTGAAGGATCCATCTGTCTC
TAAGTCTGTAGAACGAATCTTTAAATCTGGGAAGATAGAAATGTATACCCAGAAGAAATGATTGTGGCA
TTGAGAGAAGCTTTGAGTACCACTTTCAAACTCAGAAGCAGCTGAAAGAAAATCTGAACAAACAACCGA
ATAAGCAGTGGAAGAAATCACAACATCTGCAATCCAAAAGCTGCTCTCAAGTCTAAGATAGTTGCTGA
ATTTGATCTCAGGCCCTAATTGAAGAGCTGTTGCTATACAAGCGCTCAGAAGATCAGATAGAATGAAG
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CAGGTGGGAAGAAGTTCTCCAAAGAATTTGAAGAGGCAAGCTCCAAGCTGGAAGAATTTGTGAATGGATT
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AGAAGTTGGATCAATTGAAGTCAACCTTCCAGATCCTGAAGAATCACCAGTTCCTTCCCCAAGCATGGA
CGCTCCCTCCCGACTGGTTCTGAGTCTCTTTTCAGGGAATGGGAGGTGAGGAATCCCAGTCACCAACC
ATGGAGAGTGAGAAATCTGCCACACCTGAACCTGTGACAGATAATCGTGATGTGGAAGACATGGAACCTC
CAGATGTGGAAGATGATGGGTCAAAAATCATTGTGAGGACAGGAAGGAAAAACCTGCAGAGAAGTCAGC
TGTATCCACTTCTGTACCTACAAAGCCAAACAGAAAAATATCTCAAAGCCTCTTCATGTACCCAGTGCCT
GTGACCATGACAGCAACTCCACCTCTTCCAAAGCCTGTGAATACTTCTCTTCCCTTCCCCAGCATTGG
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GAAAAATACTGGGTGAGTCTGCATCAAGACCTTCTCCAGGAACGCCACCAGCCCCAGCAACCTCACC
AGTGGCCTGAAAACACCTGCACCTGCCACGACAACATCTCACAACCTCTGGCAAATATCCTCTCCAAGG
TGGAGATACCCAGAGAGCATTCTGTCTGCACCTTCCAAAACCCAGACACAGTCAGCCCTGCACTGCA



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AGGCCTGTCATCTTTACTTCAGAGTGTTACTGGGAACCCAGTTCAGCCAGTGAAGCTGCCTCACAGAGC
 ACTTCAGCCTCCCTGCCAACACCACAGTCTCTACCATAAAGGGAAGAAATCTGCCCTCCAGTGCCCAAC
 CTTTTATTCCAAAAGCTTCAACTATTCTCCTAACTCATCAACTTCTGAAGTCTCTTCAACTTCAGCCAG
 CAAGGCCTCAATTGGGCAAAGCCAGGGCTCCCAAGCACTACTTTTAACTACCTTCCAACTCTTTGGGG
 TTTACAGCTACCCACAATACTAGCCCTGCTGCCCCACCTACTGAAGTTACCATCTGCCAATCTTCAGAGG
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 CTTGCCGTCCCACGGGTACCCACCCACGTGAGCGTGGAGAAAGTCTGGCCTCCACCATTTCCACCA
 CGTCGACGATTGAATTTAAGAAATATGCTTAAAAACGCCTCACGTAAGCCCTCAGATGATAAGCATTTTGG
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 CAAGGAACGGGCACCTCAATTTAGGAGAGTGTGCGCAGCTTTCGTTCCAACAGTTTCAACTCAACATTT
 GAGCATCATCTTCCCCGTCCCCCTTGAACATGGGACACCTTCCAGAGAGAGCCAGTGGGGCCATCAT
 CTGCCCCACCTGTCCCTCCTAAGGATCATGGTGGTATCTTCTCTCGAGATGCACCACTCATCTACCCTC
 TGTGGATCTTTGAACCCCTTCAAAAGGAGGCAGCCCTGGCCCATGCTGCCCCACCCCTCCTCCTGGA
 GAGCACAGTGGAATTCCTTTCCCTACCCACCTCCTCCTCCCCCTCCTGGGGAACATAGCAGCAGTGGTG
 GGAGTGGTGTCCCTTTTCTACTCCACCCCTCCTCCACTCCCTGTTGACCACTCTGGAGTTGTACCCTT
 CCCAGCCCCACCACTGGCAGAGCACGGAGTGGCAGGGGCTGTGGCAGTATTTCCAAGGACCATAGTTCC
 CTCCTTCAAGGGACCTGGCTGAGCATTTTGGGGTACTCCAGGACCCAGGGACACGGGGGCCCAACC
 AACGGGACCTCAACGGCCCTGGCCTTAGCCGTGTACGAGAGAGCCTCACCTACCTCCCATTCTCTGGA
 ACACCTGGGCCCACCCATGGAAGAGGAGGTGGGGGAGGCAGCAACAGCAGCAGTGGCCCCCTTGGGT
 CCCTCACACAGAGACCCATCAGCCGAGTGGTATAATCTTACGGAGTCCCCGGCCAGACTTTCGGCCTA
 GGGAACCTTTTCTCAGCAGAGACCCATTTACAGTTTAAAGAGACCCAGGCCACCTTTTGCTAGGGGCC
 TCCGTTCTTGCACAAAACGCCATTCTTCCCTCCAGGTACTGA

5' Read Nucleotide Sequence:	>OriGene 5' read for AK056707 unedited <pre> TCGGATTTTGTAAATACGACTTCACTATAGGGCGGCCGGAATTCGCACGAGGNAAGAAA GATTTCTGCAACTGAAGGGGCAGTCGGGTAGTATTACATTTAAGATATTAACGCCGACC TGGCTCACAGGAGTGTGGGAACAGGGGCGGGGAAGGGCCTTAGCACTGAGAGCCGAAAAG TATAAACGATTAGTTTCGGCGTCAGGCGTTTTGAAAGGCTTTGCAGGTCCTGTTTTCTG CGTAATTTTTCCGTGATTACTGACTGGTTTAAACACGACCCCTTGAACAATATTGATAAA ACCTCCGAGACCCGAGCCCTCCTTGCAGCGTGTAGGAGCTGCCAGCGTGCCGAGCAGC TGGTGTTCCTCCGTACCTCCAGAAAGAGCCAGCGCGTGACCATCCCCACCCCTAGC TTCCCTCCCCACCTACGGCTTTCACGCACTCGCAGTGATTGTTTTGCCCGCTCCCGCCG CGCCGCCGCCGCCGCCGAGAGGAGCAGCAGCGCTTGTGCAAACCGGAAGATGGCGGC CGGCGGCGGCGGAGGCAGCAGTAAGGCCTCCTCCTCGTCGGCCTCTTCGGCAGGGCTCT GGAGTCCTCGTTGGATCGAAAATCCAGTCGGTAACCAACACCATGGAGTCCATTCAAGG CTTGTCGTCTTGGTGTATAGAGAACAAAAACACCACAGTACTATCGTCTATCATTGGAT GAAGTGGCTCCGAGATCTGCATATCCCCACGTTTNGATCTCTTTACCTTGCCAATGA TGTCATACAGAACTGTAAAGGAAAAATGCATCATATTCCGTGAATCATTGCTGATGTA CTTCCTGAAGCAGCTGCTCTAGTGAAGGATCCATCTGTCTCTAAGTCTGTAGAACGAATC TTTAANNATCTGGGAGATAGAAATGTNTACCCNAGAAGAAATGNNTTGTGCATTGAGAGA AGCTTTGAGTACACTTTTCAAAC </pre>
Restriction Sites:	NotI-NotI
ACCN:	AK056707
Insert Size:	1850 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>AK056707.1</u> , <u>BAG51793.1</u>
RefSeq Size:	4619 bp
RefSeq ORF:	4386 bp
Locus ID:	23248
Cytogenetics:	1q21.2
Domains:	RPR, DUF618