

Product datasheet for **SC304254**

KIAA0460 (RPRD2) (NM_015203) Human Untagged Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	KIAA0460 (RPRD2) (NM_015203) Human Untagged Clone
Tag:	Tag Free
Symbol:	KIAA0460
Synonyms:	HSPC099; KIAA0460
Mammalian Cell Selection:	Neomycin
Vector:	pCMV6-Entry (PS100001)
E. coli Selection:	Kanamycin (25 ug/mL)
Fully Sequenced ORF:	>SC304254 representing NM_015203. Blue=Insert sequence Red=Cloning site Green=Tag(s)

GCTCGTTTAGTGAACCGTCAGAATTTTGAATACGACTCACTATAGGGCGGCCGGGAATTCGTCGACTG
 GATCCGGTACCGAGGAGATCTGCCGCC**CGCATCGCC**
 ATGGCGGCCGGCGCGCGGAGGCAGCAGTAAGGCCTCCTCCTCGTCGGCCTCTTCGGCAGGGGCTCTG
 GAGTCTCGTTGGATCGAAAATTCAGTCGGTAACCAACACCATGGAGTCCATTCAAGGCTTGTCGTCT
 TGGTGTATAGAGAACAAAAACACCACGACTACTATCGTCTATCATTGGATGAAGTGGCTCCGGAGATCT
 GCATATCCCCACCGTTTGAATCTCTTTACCTTGCCAATGATGCATACAGAACTGTAAAAGGAAAAAT
 GCAATCATATCCGTGAATCATTTGCTGATGTACTTCTGAAGCAGCTGCTCTAGTGAAGGATCCATCT
 GTCTCTAAGTCTGTAGACGAATCTTTAAATCTGGGAAGATAGAAATGTATACCCAGAAGAAATGATT
 GTGGCATTGAGAGAAGCTTTGAGTACCCTTTCAAACCTCAGAAGCAGCTGAAAGAAAATCTGAACAAA
 CAACCGAATAAGCAGTGGAAGAAATCACAAACATCTACAAATCCAAAAGCTGCTCTCAAGTCTAAGATA
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 AAAGATAAAACAGGTGGGAAGAAGTTCTCAAAGAATTTGAAGAGGCAAGCTCCAAGCTGGAAGAATTT
 GTGAATGGATTAGATAAGCAGGTGAAAAACGGACCCTCATTAAACAGAAGCACTGGAAAATGCTGGAATT
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 GAAGACATGGAATCTCAGATGTGGAAGATGATGGGTCAAAAATCATTGTGAGGACAGGAAGGAAAAA
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 AGCAGTTTAACATCAGTCATGAAAAATACTGGGTGAGTCTGCATCAAGACCTTCTCCAGGAACGCC
 ACCAGCCCCGCAACCTACCAGTGGCCTGAAAACACCTGCACCTGCCACGACAACATCTCACACCTT


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CTGGCAAATATCCTCTCCAAGGTGGAGATCACCCAGAGAGCATTCTGTCTGCACTTTCCAAAACCCAG
ACACAGTCAGCCCTGCACTGCAAGGCCTGTCACTTTACTTCAGAGTGTTACTGGGAACCCAGTTCCA
GCCAGTGAAGCTGCCTCACAGAGCACTTCAGCCTCCCCTGCCAACACCACAGTCTCTACCATAAAGGGA
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CTTGGGGGTGGGGCAGCGGAGGCTCACTGGCTTTAAACAGCACCATAACAAGAACGGGCACCTCAA
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CCTTTCCCTACCCACCTCCTCTCCCCCTCTGGGGAACATAGCAGCAGTGGTGGGAGTGGTGTCCCC
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CTGGCAGAGCACGGAGTGGCAGGGGCTGTGGCAGTATTTCCCAAGGACCATAGTTCCCTCCTTCAAGGG
ACCCTGGCTGAGCATTTTGGGGTACTCCAGGACCCAGGGACACGGGGGCCACCCACGGGACCTC
AACGGCCCTGGCCTTAGCCGTGTACGAGAGAGCCTCACCTACCCTCCCATTCTTGGAAACCTGGGC
CCACCCCATGGAGGAGGAGTGGGGAGGCAGCAACAGCAGCAGTGGCCCCCCTTGGGTCCCTCACAC
AGAGACACCATCAGCCGAGTGGTATAATCTTACGGAGTCCCGGCCAGACTTTCCGGCTAGGGAACCT
TTTCTCAGCAGAGACCATTTTACAGTTTAAAGAGACCCAGGCCACCTTTTGTAGGGGCCCTCCGTTT
TTTGACCAAAACGCCCATTTCTTCCCTCCAGGTACTGA
ACGCGTACGCGGCCGCTCAGCAGAACTCATCTCAGAAGAGGATCTGGCAGCAATGATATCCTGGAT
TACAAGGATGACGACGATAAGGTTTAAACGGCCGCGC

Restriction Sites: SgfI-MluI
ACCN: NM_015203
Insert Size: 4386 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).
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:	<u>NM_015203.4</u>
RefSeq Size:	8233 bp
RefSeq ORF:	4386 bp
Locus ID:	23248
UniProt ID:	<u>Q5VT52</u>
Cytogenetics:	1q21.2
MW:	156 kDa