

Product datasheet for **SC304681**

KIAA1370 (FAM214A) (NM_019600) Human Untagged Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	KIAA1370 (FAM214A) (NM_019600) Human Untagged Clone
Tag:	Tag Free
Symbol:	KIAA1370
Synonyms:	KIAA1370
Mammalian Cell Selection:	Neomycin
Vector:	pCMV6-Entry (PS100001)
E. coli Selection:	Kanamycin (25 ug/mL)
Fully Sequenced ORF:	>SC304681 representing NM_019600. Blue=Insert sequence Red=Cloning site Green=Tag(s)

GCTCGTTTAGTGAACCGTCAGAATTTTGAATACGACTCACTATAGGGCGGCCGGGAATTCGTCGACTG
 GATCCGGTACCGAGGAGATCTGCCGCC**CGATCGCC**
 ATGAAGCCAGACCGAGATACTCTGGATGAATATTTGAATATGATGCAGAGGAGTTCTTGGTCTCTTTG
 GCCTTGCTGATAACAGAAGGACGAACACCTGAATGTTCTGTAAAAGGTCGAACAGAAAGCTTTCATTGC
 CCTCCAGCACAGTCTTGTTACCCAGTAACACCAACATGAATGTAGTGACAAGCTGGCCAGTGCCGC
 CAAGCCAGACGAACTAGGTCTGAGGTACATTGTTGTGGAAGAATAACCTTCCAATCATGGTGGAATG
 ATGCTACTACGACTGCTGCTACAGCGATGATGGGCCACCACAGAGGGAATTGATCTAAATGATCCT
 GCGATTAAGCAAGATGCATTATTATTAGAAAGATGGATCTTGAGCCAGTTCCTCGACAGAATGGTGAC
 CGATTTATTGAAGAGAAGACGCTTCTGTTGGCTGTCCGCTCATTTGTGTTTTTCTCAGTTAAGTGCA
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 CTACAGTGGAAATTTTTCAGACTCCAATTGAGCATGTGTTTCTGTTCCCAATGTTTCTCACAATGTT
 GCCTTGAAAGTCAGTGTTTCAGTCTTGGCCAGACAATCTAATTATCCAGTTTTGACGTGCAGTATTCAC
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 AATGAAGCAGAAATGTGGTACAAACAGTTCACAGCGTCTGTGTAGCAAAACAACTTGGACCATGGCA
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 GATGTTATTGCAAGGATTGCTCAACACTTGGAGCACATTGATCCAACAGCATCACATATCCCCGGCAG



TCATTC AACATGCATGACTCCAGTTCGGTTGCATCTAAAGTGTTTAGGAGTTCATATGAAGACAAAAAT
 TTGTTGAAGAAAAATAAGGATGAGTCTCAGTTTCCATTTCTCACACAAAATGTTCTTGTAGGAGAC
 ATCAGTGATGGGAAAACTTAGTACCTAATAATGTTTACTTCTTTAAAAATAATAGTAAAGAAAAAG
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 CAGGAGACACAGAACAAAAGTTCTAGTTTATCGGCTTCCTCAATTTTGTCTCAGCACAAAGAAAAATAC
 TTAGATTTGACAAGCAGATTCAAGGAGCAAGAAATGAGCAATGGAATTGATAAACAGTATTCAAATTGC
 ACCACTATTGACAAACAGATTTGTACAAATAAGTATAAGGAAAAATAATAATGAGAAGTATAATCCA
 AAATTCCTTTGGCAATCTTCAGTCTGATGATTCAAAAAAAATGACTCAAAAATAAAAGTTACTGTGTTG
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 TGTGAGCAAAATACTCAACTTAATAGCATAGAGAATTATCTCAATAAAGATAATGAAGGTTTCAAATGT
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 GGTGTGCTTGTGATCTGGATTCTTCATTACTACATCTGAAAAGCTTCTCATCTAGAAGTCTCGACCATGT
 TTAACATTGAAGATGATCCAGATATTCATGAAAACCATTTTTGAGTTCTAGTGTCCACCTATAACA
 AGTCTTAGTCTCCTAGGAAATTTGAGGAATCTGTCTTGAACATATCGTTTCGATCCTCTCGGCATTGTT
 GATGGTTTTACTGCCGAGGTAGGGGCAAGTGGTCTTTCTGCCCCACACATTTGACTCTTCCAGTTGAA
 GTGTCATTCTACAGTGTTTCAGATGACAATGCTCCCTCTCCTTATATGGGTGTGATTACTTTAGAGTCC
 CTTGGTAAAAGGGGTATCGAGTACCTCCTTCAGGAACAATAACAAGTACCTTATTTAATCCTAATAAG
 ACTGTGGTGAAGATGTTTGTGTGATATGATTTACGAGATATGCCAGCCAATCATCAGACATTCCTA
 CGACAAAGAAGTCTTTCTGTACCTGTTAAACAAGAAGTGAAGAGAAGTGTAAATAAGAGAACATCCGA
 CACACAGAAGAAGCGTTATTACGCTACCTCATACATCTGAGGTTCCAGAGTTCTAAATCTGGAAAGATC
 TACCTCCATAGAGACGTACGGCTCTGTCTCTAGAAAAGTCAATGGAGGTTGATAGCGGTGCTGCATAT
 GAACCTCAAATCTTACACTGAATACCAACAAACCCCTAGTTTTACCAAGATGTTGA
 ACGCGTACGCGGCCGCTCGAGCAGAACTCATCTCAGAAGAGGATCTGGCAGCAATGATATCCTGGAT
 TACAAGGATGACGACGATAAGGTTTAAACGGCCGGC

Restriction Sites:	Sgfl-MluI
ACCN:	NM_019600
Insert Size:	3231 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: [NM_019600.1](#)

RefSeq Size: 4242 bp

RefSeq ORF: 3231 bp

Locus ID: 56204

UniProt ID: [Q32MH5](#)

Cytogenetics: 15q21.2-q21.3

MW: 121.6 kDa