

Product datasheet for **RG221924**

KIAA1984 (CCDC183) (NM_001039374) Human Tagged ORF Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	KIAA1984 (CCDC183) (NM_001039374) Human Tagged ORF Clone
Tag:	TurboGFP
Symbol:	KIAA1984
Synonyms:	bA216L13.7; KIAA1984; PARF
Mammalian Cell Selection:	Neomycin
Vector:	pCMV6-AC-GFP (PS100010)
E. coli Selection:	Ampicillin (100 ug/mL)



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ORF Nucleotide Sequence:

>RG221924 representing NM_001039374
 Red=Cloning site Blue=ORF Green=Tags(s)

TTTTGTAATACGACTCACTATAGGGCGGCCGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
 GCC**CGGATCGCC**

ATGAGGAGGCACAGTGAGACAGATGTGGAAGAGCAGACCCAGGAGCTGAAGACCATCACTCAGCTCCAGG
 AGCAGTGTGCGGCACTCCAGATCCAAGGGGTGAAAGAGAATATGGACCAGAAACAAGGCCACGCTGGCCCT
 CCTGCGCAGCAACATCCGCCGCGGGGCCAGGACTGGGCTTTGGCCAAGAAGTATGACCAGTGAGCCATC
 TCCAAGGCCTGCGGGAATACTTGCCTTTGCGACTGGCGCACTGCCGAGCACCATGGAGGTGGTGGCGG
 AGAAGTGTGCAAGTACGTCTTCGACCGCGTGAACATGCACAACCTACTGATCCACCTGGTGGCGCGCG
 CGGGCAGAAGCTGGAGAGCATGCAGCTGGAGCTGGACAGCCTGCGGAGCCAGCCGACGCCAGCAAGGAG
 GAGCTGCGGCTGCTGCAGATCATCCGCCAGCTGGAGAACAACATCGAGAAGACAATGATCAAGATCATCA
 CCAGCCAGAACATCCACCTGCTGTATTTGGACCTGCTGGATTATCTGAAGACAGTGTGGCAGGATACCC
 CATTGAGCTGGACAAGCTGCAGAACCTCGTGGTCAACTACTGCTCAGAGCTGTGGATATGAAGATCATG
 TCCAAGATGCCATGATGATCACGGATGAGGTCAAGAGGAACATGAGGCAAGGGAGGCGCTCTTCATCG
 AGGAGCGCCGGGCAAGGAGAAACCGGCTCAACCAGCAGAAAGAGTATCGACAAGATCCACACGAAGGA
 GACCAGCGAGAAGTACCGCCGGGGCCAGATGGACTTGGACTTCCCTCGAACCTGATGAGCACGGAGACC
 CTGAAATTGAGGAGAAAAGAGACCTCCACAGCAGAAATGGAATACCAAGTCGGGCGTGACTGCTGTGGTGG
 AGAAGGTCAAGAGTGTGTACGGTGTCTCACGTCTGGGACATCACTAGCCGCTTCTGGCCAGAGGAA
 CACGGAGGAGAACCTGGAGCTGCAGATGGAGGACTGTGAGGAGCGCGGGTGACGCTGAAGGCCCTGGTG
 AAGCAGCTGGAGCTGGAGGAGGCGGTGCTCAAGTTCGCCAGAACCTAGCTCCATCAGCTTCAAGTCCG
 TTGAGAAGAAAATGACAGACATGCTAAAAGAGGAAGAAGAGAGGCTCCAGCTGGCGCACAGCAACATGAC
 CAAGGGCCAGGAGCTGCTGCTGACCATCCAGATGGGCATCGACAACCTCTATGTCCGGCTGATGGGCATT
 ACCTTGCTGCGACCCAGAGAGAAGTGGTGTCTCCAACACCCTCGATTGAACAGCAAGCTGGCGTACT
 GCGAGGGGAAGCTCACGTACCTGGCTGACAGAGTGCAGATGGTGTCCAGGACCGAGGAGGCGACACAAA
 GGTGAGGGACACCCTGGAGTCTCGACTCTGATGGAGAAGTACAACACCAGGATCAGCTTTGAGAACCGG
 GAGGAGGATATGATCGACACCTCCAGTTCGCCGACATGGACCACAGCTACGTCCCTTCGCGCGCCGAGA
 TCAAGAGGCAGGCGCAGCGGCTAATCGAGGGGAAGCTCAAGGCGGCAAGAAAAAGAAGAAG

ACGCGTACGCGGCCGCTCGAG – GFP Tag – GTTTAA

Protein Sequence:

>RG221924 representing NM_001039374
 Red=Cloning site Green=Tags(s)

MRRHSETDVEEQTQELKTTITQLQEQCRLQIQGVKENMDQNKATLALLRSNIRGAQDWALAKKYDQWTI
 SKACGKNLPLRLAHCSTMEVVRKLRKYVDFRVNMHNLILHVRRRGQKLESMQLELDLSRSQPDASKE
 ELRLQLIIRLENNIEKTMIKIITSQNIHLLYDLDDYKTVLAGYPIELDKLQNLVVNYCSELSDMKIM
 SQDAMMITDEVKRNMRQREASFIEERRARENRLNQKKLIDKIHTKETSEKYRRGQMDLDFPSNLMSTET
 LKLRRKETSTAEMEYQSGVTAVVEKVKSAVRCSHVWDITSRFLAQRNTEENLELQMEDCEERRVQLKALV
 KQLELEEAVALKFRQKPSSISFKSVEKKMTDMLKEEEERLQLAHSNMTKGQELLLTIQMGIDNLYVRLMGI
 TLPATQREVVLNLTDLNSKLAYCEGKLTYLADRVQMVSRTEEGDTKVRDTLESSTLMEKYNTRISFENR
 EEDMIDTFQFPMDHSYVPSRAEIKRQAQRLIEGKLKAAKKKKK

TRTRPLE – GFP Tag – V

Restriction Sites:

SgfI-MluI

Cloning Scheme:


ACCN: NM_001039374

ORF Size: 1602 bp

OTI Disclaimer: The molecular sequence of this clone aligns with the gene accession number as a point of reference only. However, individual transcript sequences of the same gene can differ through naturally occurring variations (e.g. polymorphisms), each with its own valid existence. This clone is substantially in agreement with the reference, but a complete review of all prevailing variants is recommended prior to use. [More info](#)

OTI Annotation: This clone was engineered to express the complete ORF with an expression tag. Expression varies depending on the nature of the gene.

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_001039374.3](#), [NP_001034463.3](#)

RefSeq Size: 1740 bp

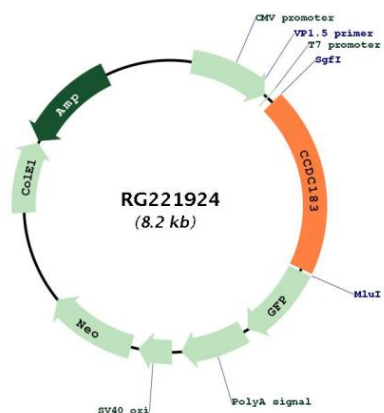
RefSeq ORF: 1605 bp

Locus ID: 84960

UniProt ID: [Q5T5S1](#)

Cytogenetics: 9q34.3

Product images:



Circular map for RG221924