

Product datasheet for **RG215530**

C6orf204 (CEP85L) (NM_206921) Human Tagged ORF Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	C6orf204 (CEP85L) (NM_206921) Human Tagged ORF Clone
Tag:	TurboGFP
Symbol:	C6orf204
Synonyms:	bA57K17.2; C6orf204; LIS10; NY-BR-15
Mammalian Cell Selection:	Neomycin
Vector:	pCMV6-AC-GFP (PS100010)
E. coli Selection:	Ampicillin (100 ug/mL)



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ORF Nucleotide Sequence:

>RG215530 representing NM_206921
 Red=Cloning site Blue=ORF Green=Tags(s)

TTTTGTAATACGACTCACTATAGGGCGGCCGGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
 GCC**CGGATCGCC**

ATGTGGGGCGCTTCCTGGCTCCGGAGGCCAGCGCCGGGATAGCCCCGGCGGAGCCCGCAGCTTCCTG
 CCGGCCAGATTATTCATCAGCATGGCTACCTGCTAATGAATCATTGTGGCAGGCCACAACCTGTTCCATC
 TAACATCGAAATAACCATATCAGGAGACACAGTAGCTTCTGACAGTGGAGACACTGGCATTGGAAT
 TCCTGTTCTGATAGCGTGAAGATCATTCAACTTCAAGTGGCACATTATCTTTAAGCCTAGTCAATCAT
 TGATTACTCTTCTACTGCCCATGTGATGCCGTCTAATTCAGCGCTTCAATTTCCAAACTTAGGGAATC
 ATTGACACCAGATGGCTCAAAATGGAGTACAAGCCTCATGCAACATTGGGAAACCACAGTAGGGGGGAG
 CAGGACTCTTCCCTAGACATGAAGGACTTCGGCCACTTCGAAATGGTCATCTTTATCCAAACTCACTG
 CCCCAGATAACTGTGGCCAGGTGGCACTGTATGCAGAGAAGAGTCAAGGAATGGTTTGGAGAAGATAGG
 GAAGGCTAAGGCTTTAACATCACAACCTGAGGACAATTGGGCCTAGCTGTTTACATGATAGTATGGAGATG
 CTTAGGTTAGAGGACAAGGAAATAAATAAAAAACGGTCATCAACTCTGGACTGCAAGTATAAATTTGAGA
 GCTGTAGCAAGGAGGACTTTAGAGCCTCTTCTCTACTCTTAGGAGACAGCCTGTAGACATGACATATAG
 TGCCTTACCTGAAAGCAAGCCCATTATGACAAGCTCAGAGGCTTTTGAACCTCCAAAATATTTAATGCTT
 GGTCAACAGGCAGTAGGTGGAGTTCCTTTCAGCCTTCGGTAAGGACTCAGATGTGGCTTACAGAGCAGC
 TCGCGACAAATCCTTTGGAAGGTAGAAATACAGAGGATTCTTACAGTTTACCTTGGCAACAGCAGCA
 AATTGAAGACTTTCGACAAGGAAGTGAACACCAATGCAGGTTTTGACTGGATCATCTCGTCAAAGTTAT
 TCACCTGGCTATCAGGATTTAGTAAGTGGGAATCAATGTTGAAAATAAAGAAGGACTTCTAAGGCAGA
 AAGAAATTGTAATCGATCGGCAGAAGCAACAAATTACCCACCTGCATGAGAGGATAAGGGATAATGAATT
 ACGGGCTCAACATGCCATGTTAGGACATTATGTAATTTGTGAGGATTCTTATGTGGCTAGTTTGCAGCCA
 CAATATGAGAACCTTCACTCCAGACACCATTTTCAGAGGAATCAGTTTCCCATTTCCCAACAAGGGAAT
 TTGAGCAAAAGCTTGCATCTACTGAGAAAGAAGTTTTACAGCTTAATGAGTTTCTCAAAACAAGACTAAG
 CCTATTTAGTGAAGAGAAGAAGAACTAGAGGAAAAAGTAGGTTTTTCTAATAAAGTTGAATTAGGTCAA
 CAACATTTCTCAGCATA

ACGCGTACGCGGCCGCTCGAG - GFP Tag - GTTTAA

Protein Sequence:

>RG215530 representing NM_206921
 Red=Cloning site Green=Tags(s)

MWGRFLAPEASGRDSPGGARSFPAGPDYSSAWLPANESLWQATTVPNSHRNNHIRRHSIASDSGDTGIGT
 SCSDSVEDHSTSSGTLSEFKPSQSLITLPTAHVMPSNNSASISKLRSLTPDGSKWSTSLMQTLGNHSRGE
 QDSSLDMKDFRPLRKWSSLKLTAPDNCQGQGTVCREESRNGLEKIGKAKALTSQLRITIGPSCLHDSMEM
 LRLEDKEINKKRSTLDCKYKFESCSKEDFRASSSTLRQPVDMTYSALPESKPIMTSSEAFEPKYLML
 GQQAQVGVPIQPSVRTQMWLTEQLRTNPLEGRNTEDSYSLAPWQQQIIEFRQGSSETPMQVLTGSSRQSY
 SPGYQDFSKWESMLKIKEGLLRQKEIVDRQKQIITHLHERIRDNELRAQHAMLGHVYVNCEDSYVASLQP
 QYENTSLQTPFSEESVSHSQQGEFEQKLASTEKEVLQLNEFLKQRLSLFSEEKKKLEEKVGFVSNKVELGQ
 QHFLSI

TRTRPLE - GFP Tag - V

Restriction Sites:

SgfI-MluI

Cloning Scheme:


ACCN: NM_206921

ORF Size: 1488 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_206921.3](#)

RefSeq Size: 2387 bp

RefSeq ORF: 1491 bp

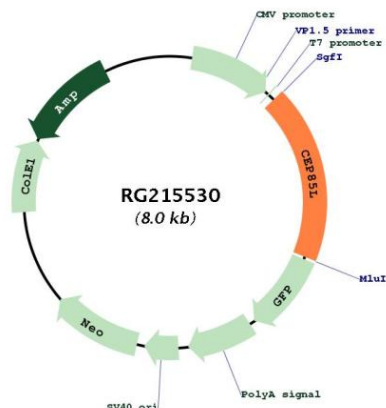
Locus ID: 387119

UniProt ID: [Q5SZL2](#)

Cytogenetics: 6q22.31

Gene Summary:

The protein encoded by this gene was identified as a breast cancer antigen. Nothing more is known of its function at this time. Three transcript variants encoding different isoforms have been found for this gene. [provided by RefSeq, May 2010]

Product images:


Circular map for RG215530