

Product datasheet for **RG222794**

CBLL2 (NM_152577) Human Tagged ORF Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	CBLL2 (NM_152577) Human Tagged ORF Clone
Tag:	TurboGFP
Symbol:	CBLL2
Synonyms:	CT138; HAKAIL; ZNF645
Mammalian Cell Selection:	Neomycin
Vector:	pCMV6-AC-GFP (PS100010)
E. coli Selection:	Ampicillin (100 ug/mL)
ORF Nucleotide Sequence:	>RG222794 representing NM_152577 Red=Cloning site Blue=ORF Green=Tags(s)

TTTGTAAATACGACTCACTATAGGGCGGCCGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
GCC**CGATCGC**

ATGAACAAGATGCCTGCTGGTGAACAAGAATGTGAATATAACAAAGAAGGGAAGTACTACTCTAAAGGAG
TTAAACTGGTGAGAAAAAGAAAAAATTCCTGGTTACCGTTGGGGGACATTAAAGATAAACATCATAGG
TGAAAAGGATGATTTACCAATTCATTTCTGTGACAAATGTGATTTGCCTATTTAAATCTATGGGCGAATA
ATTCGGTCAAGCATGCTTTTGTATCACTGTGCTAATTTATATGACAAAGTCGGATATAAAGTATGTC
CGCGCTGTCGTTATCCTGTGCTGAGAATTGAGGCGCATAAACGAGGTTCTGTCTTCATGTGTAGTATTGT
TCAGCAGTGCAAGAGAACATACTTGTCTCAGAAAAGCTTACAGGCTCATATCAAACGCCGCCATAAGAGA
GCTCGAAAACAAGTTACCAGCGCTTCGCTTGA AAAAGTTCTGCTCCTCATATTGCTCCGCCACAACTGAAA
TCTCTGAAATCCCTAAAAGACTGCAAGACAGGGACCATCTAAGCTATATTCCACCAGAACAGCACACCAT
GGTGCTACTACCGTCTGTGCAACATATGCTACAAGAGCAACATAATCAGCCACATAAGGATATTCAGGCT
CCTCCCCCAGAACTATCTCTAAGTCTGCCTTTCCCATCCAGTGGGAAACCGTTAGTATTTTACGAGAA
AACATGGCAATTTAACAGTTGATCATATTCAGAATAACTCAGATTCTGGTGCTAAGAAGCCAACACCTCC
CGACTATTATCCTGAGTGTCAAAGTCAACGAGCGGTATCGTCCCTCATCATATTATACCTCAGAAACAG
CATTATGCGCCACCTCCATCTCCATCATCACCAGTAAACCATCAAATGCCATATCCTCCTCAGGATGTAG
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TCTGCAAGTGAATTTGCTTCTCACCATTATAACCTTAACATTTTACCTCAGTTCACCGAAAAATCAAGAAA
CCTTGAGCCCTCAGTTTACACAAACAGATGCAATGGATCATAGAAGGTGGCCTGCATGGAACGACTGTC
ACCTTGTCACCAACGCGGAGTCCACCTCCTTCAACCCTACATGGTCGATCACATTCACACCAGAGA
AGACATAGACGGTAT

ACGCGTACGCGGCCGCTCGAG - GFP Tag - GTTTAA



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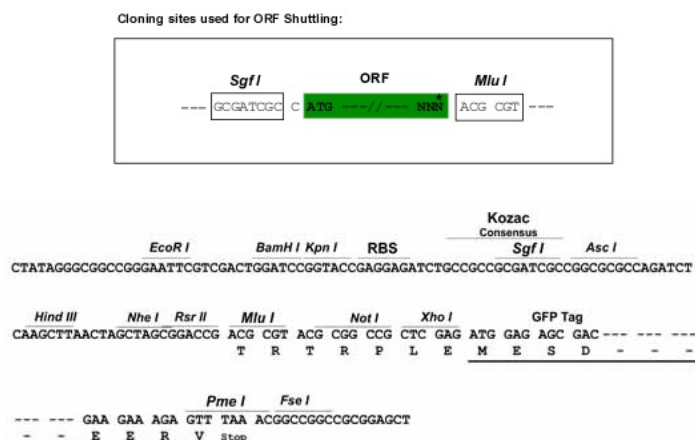
Protein Sequence: >RG222794 representing NM_152577
Red=Cloning site Green=Tags(s)

MNKPAGEQECEYNKEGKYSSKGVKLVRRKKKIPGYRWGDIKINIIIGEKDDLPIHFCDKCDLPIKIYGRIPCKHAFCYHCANLYDKVGKVCPCRCRYPLVRIEAHKRGSVFMCISIVQCKRTYLSQKSLQAHIKRRHKRARKQVTSASLEKVRPHIAPPQTEISEIPKRLQDRDHLSTYPPEQHTMVSLPSVQHMLQEHNQPHKDIQAAPPELSLSLPFPIQWETVSIFTRKHGNTVDHIQNNSDSGAKKPTPPDYYPECQSQPAVSSPHHIIPQKQHYAPPSPSSPSVNHQMPYPQQDVVTPNSVRSQVPALTTTYDPSSGYIIVKVPDMNSPPLRAPQSQNGNPSASEFASHHYNLNLPQFTENQETLSQFTQTDAMDHRRWPAWKRLSPCPPTRSPPPSTLHGRSHSHQR

TRTRPLE - GFP Tag - V

Restriction Sites: Sgfl-MluI

Cloning Scheme:



ACCN: NM_152577

ORF Size: 1275 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_152577.1](#), [NP_689790.1](#)

RefSeq Size: 1517 bp

RefSeq ORF: 1278 bp

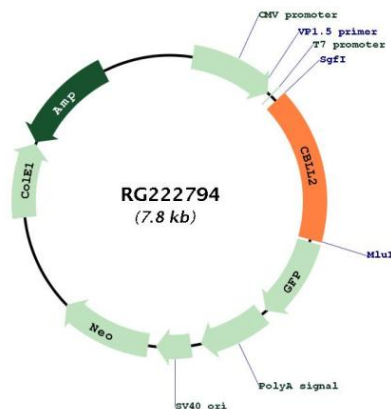
Locus ID: 158506

UniProt ID: [Q8N7E2](#)

Cytogenetics: Xp22.11

Gene Summary: This gene encodes a member of the zinc finger domain-containing protein family. This family member contains both a RING-type and a C2H2-type of zinc finger domain, and it may function as an E3 ubiquitin-protein ligase. Protein localization suggests a role in human sperm production and quality control. [provided by RefSeq, Aug 2011]

Product images:



Circular map for RG222794