

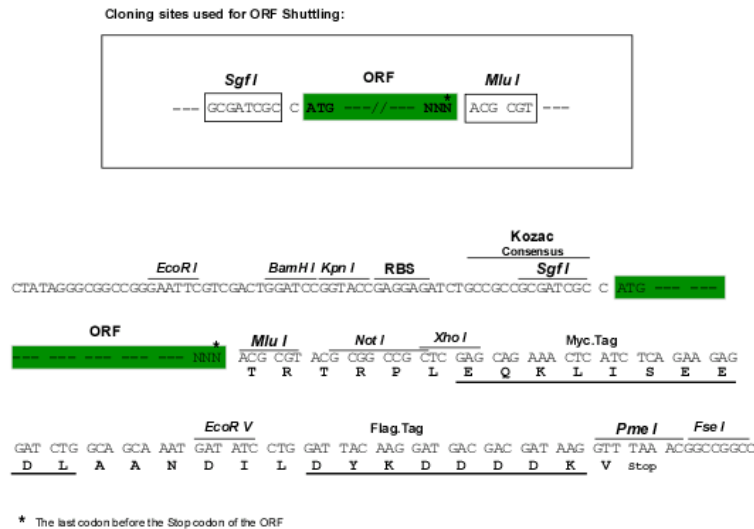
## Product datasheet for RC231644

### CHURC 1 (CHURC1) (NM\_001204064) Human Tagged ORF Clone

#### Product data:

|                           |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             |
|---------------------------|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Product Type:             | Expression Plasmids                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         |
| Product Name:             | CHURC 1 (CHURC1) (NM_001204064) Human Tagged ORF Clone                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      |
| Tag:                      | Myc-DDK                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     |
| Symbol:                   | CHURC 1                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     |
| Synonyms:                 | C14orf52; chch; My015                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       |
| Mammalian Cell Selection: | Neomycin                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    |
| Vector:                   | pCMV6-Entry (PS100001)                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      |
| E. coli Selection:        | Kanamycin (25 ug/mL)                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        |
| ORF Nucleotide Sequence:  | <p>&gt;RC231644 representing NM_001204064</p> <p>Red=Cloning site Blue=ORF Green=Tags(s)</p> <p>TTTTGTAATACGACTCACTATAGGGCGGCCGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCCGCCGCGATCGCC</p> <p>ATGCGGCAACCGTATCTCAGTTCTCGCGAGGTTTCGTCTTCCCGGAAGCGTTGGAGGACATTCCCTGTTGACTGCGTCGCGATGTGTGGCGACTGTGTGGAGAAGGAATATCCCAACCGGGTAATACCTGCCTGGAGAA TGGATCTTCTTACTGAACCTTACAGGCTGTGCAGTGTGCAGTAAGCGGGATTTATGCTGATCACAAC AAATCCTTGAAAGAAGAAGATGGAGAAGAAATAGTTACCTATGATCGAGTATACCATGCTGTGTCTGTTA TCGGCAAGCCGAAGATACTATCAGTATTCTCC</p> <p>ACGCGTACGCGGCCGCTCGAGCAGAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATTACAAGGATGACGACGATAAGGTTTAA</p> |
| Protein Sequence:         | <p>&gt;RC231644 representing NM_001204064</p> <p>Red=Cloning site Green=Tags(s)</p> <p>MRQPYLSSREVSSSRKRWRTFPVDCVAMCGDCVEKEYPNRGNTCLENGSFLLNFTGCAVCSKRDFMLITN KSLKEEDGEEIVTYDRVYHAVSVMRQSRYYQYSP</p> <p>TRTRPLEQKLISEEDLAANDILDYKDDDDKV</p>                                                                                                                                                                                                                                                                                                                                                                                 |
| Restriction Sites:        | SgfI-MluI                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   |


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**Cloning Scheme:**


**ACCN:** NM\_001204064

**ORF Size:** 315 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.

**Note:** Plasmids are not sterile. For experiments where strict sterility is required, filtration with 0.22um filter is required.

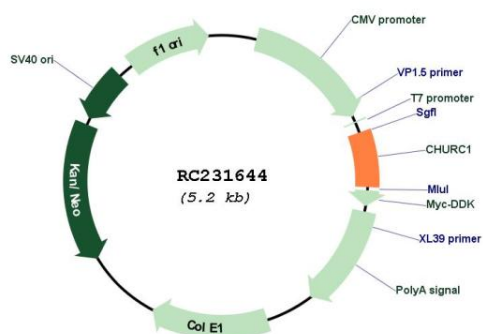
**RefSeq:** [NM\\_001204064.1](#), [NP\\_001190993.1](#)

**RefSeq Size:** 3561 bp

RefSeq ORF: 318 bp  
 Locus ID: 91612  
 UniProt ID: [Q8WUH1](#)  
 Cytogenetics: 14q23.3  
 Protein Families: Transcription Factors  
 MW: 12.7 kDa

**Gene Summary:** Transcriptional activator that mediates FGF signaling during neural development. Plays a role in the regulation of cell movement (By similarity). Does not bind DNA by itself.  
 [UniProtKB/Swiss-Prot Function]

## Product images:



Circular map for RC231644