

Product datasheet for **SC100095**

CHURC 1 (CHURC1) (NM_145165) Human Untagged Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	CHURC 1 (CHURC1) (NM_145165) Human Untagged Clone
Tag:	Tag Free
Symbol:	CHURC 1
Synonyms:	C14orf52; chch; My015
Mammalian Cell Selection:	None
Vector:	<u>pCMV6-XL5</u>
E. coli Selection:	Ampicillin (100 ug/mL)
Fully Sequenced ORF:	>NCBI ORF sequence for NM_145165, the custom clone sequence may differ by one or more nucleotides

ATGCGGCAACCGTATCTCAGTTCTCGCGAGGTTTCGTCTTCCCGAAGCGTTGGAGGACATTCCTGTG
 ACTGCGTCGCGATGTGTGGCGACTGTGTGGAGAAGGAATATCCCAACGGGGTAATACCTGCCTGGAGAA
 TGGATCTTTCTTACTGAACCTTACAGGCTGTGCAGTGTGCAGTAAGCGGGATTTTATGCTGATCACAAAC
 AAATCCTTGAAAGAAGAAGATGGAGAAGAAATAGTTACCTATGATCCAGATTTGTGAAGAATTGTCATC
 ATGTAATAGCCAGACATGAGTATACATTCAGTATCATGGATGAATTTCAGGAGTATACCATGCTGTGTCT
 GTTATGCGGCAAAGCCGAAGATACTATCAGTATTCTCCCTGATGACCCCGACAAATGACTCTCTTATTC
 TAA


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5' Read Nucleotide Sequence:

>OriGene 5' read for NM_145165 unedited
 GCGTCAATTATTGTATACGACTCACTATAGGCGGCCGGAATTCGCACGAGGTCTGCTTC
 CCGGAAGCGTTGGAGGACATTCCTGTTGACTGCGTCGCGATGTGTGGCGACTGTGTGGA
 GAAGGAATATCCCAACCGGGTAATACCTGCCTGGAGAATGGATCTTTCTTACTGAACTT
 TACAGGCTGTGCAGTGTGCAGTAAGCGGGATTTTATGCTGATCACAACAAATCCTTGAA
 AGAAGAAGATGGAGAAGAAATAGTTACCTATGATCATTTGTGTAAGAATTGTCATCATGT
 AATAGCCAGACATGAGTATACATTCACTATCATGGATGAATTTTCAGGAGTATACCATGCT
 GTGCTGTATTGCGGCAAGCGCAAGATACTATCAGTATTCTCCCTGATGACCCCGACA
 AATGACTCTCTTATTCTAAGGATCCTTCTACAGATCTGTTATAACTATATTGTGTGGTT
 TACAATACAGCAAGCCTGATGGTTGTCTTATTTTCATTCACTGAAAATTCTTTGCATA
 TTTTTTTCTGCTTAGACTTACTTATTCTTTGAGGAAAAAGGTAATGTAGGAGCTCATT
 GTTCTCTAGAGCTGAGCTCTTCTGCTAAAGTTCAAAGTTCACATCAGTGTAGCCAGAGTG
 AAGCATCTTTGTTAGCAGTTATGTGGTCAGAAAACAACTAGAATGGGAGCACACCTGGTG
 CCCAGATTTTGGTTTCAATAAAAGGAACCAGGACTCCTAGAAAATGAAGTATTCTAG
 AACTGGGATATGAAGTACAAGATGAGCCTAGAGTATCTTGTGCCACAGAAAAATGAAG
 TACTGAAATTAATAAAAAAAAAATCATAGTGATTGGGAGTATGTGAGCATGATCGACTGNAN
 GATCTCTGAAAGCCACAGCTGGAGCAC

3' Read Nucleotide Sequence:

>OriGene 3' read for NM_145165 unedited
 TCCTTTTTTTTTTATTTATTATTATACTTTAAGTTTTAGGGTACATGTGCACGATGT
 GCAGGTTAGTTACATACGTATACATGTGCCATGCTGGTGTGCTGCACCCACTAACTCGTC
 ATTTAGCATCAGGTATATCTCCTAATGCTATCCCTCACCCTCCCCTCACCACACAACAG
 TCCCTAGAGTGTGATGTTCCCTTCCTGTCTCCATGTGTTCTCATTGTTCAATTCCTATC
 TATGAGTGAGAACATGTGGTGTGTTGGTTTTTGCCTTGCATAGTTTACTGAGAAATGAA
 GATTTCCAATTTTCATCCATGTCCCTAATTCCTAATTTGAACAGAAAAATAAGGATTCTGT
 GAAACTGGGTTCAAGTGGTCGTTATTAGATCCACATAAGAATCTAGAAAATGATAAAATA
 TCACAAAACACAGCACAATGTGGGTTCAACAATAATGAAATATAGAGAGAGGATCTTATG
 TTTTAAATTTTGTAAATATAGTCCAAAACAAATAGATAATTATACATTCTGCAATAGA
 TGAGGACATTGGCAGGCGATATAAAATTAGACTCTTGGGCTTCAAATGACTAAGTTGGAA
 GCATTAGCAAACTCAAGGAAGGACAATTCAGAGGCTATAATGGGCTTAATGCTGCTATT
 TAAAGTAATGAAGCATTTTC

Restriction Sites:

NotI-NotI

ACCN:

NM_145165

Insert Size:

3410 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).

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_145165.2](#), [NP_660148.2](#)

RefSeq Size: 3381 bp

RefSeq ORF: 342 bp

Locus ID: 91612

UniProt ID: [Q8WUH1](#)

Cytogenetics: 14q23.3

Protein Families: Transcription Factors

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]

Transcript Variant: This variant (1) represents the longest transcript and encodes the longest isoform (1). Sequence Note: This RefSeq record was created from transcript and genomic sequence data to make the sequence consistent with the reference genome assembly. The genomic coordinates used for the transcript record were based on transcript alignments.