

Product datasheet for **RC222641**

C3orf70 (NM_001025266) Human Tagged ORF Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	C3orf70 (NM_001025266) Human Tagged ORF Clone
Tag:	Myc-DDK
Symbol:	C3orf70
Mammalian Cell Selection:	Neomycin
Vector:	pCMV6-Entry (PS100001)
E. coli Selection:	Kanamycin (25 ug/mL)
ORF Nucleotide Sequence:	>RC222641 representing NM_001025266 Red=Cloning site Blue=ORF Green=Tags(s)

TTTTGTAATACGACTCACTATAGGGCGGCCGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
GCC**CGATCGCC**

ATGAGTGCGGGCCTCGCCGGCGTCCGAGCGGGTTGGAAGAGCGAGAACTAGATGAGGCTCAGGCC
TGGCGCGAGTTGCGCCGCCCGCAGACCCGACTCCAGCCGTGCGACGGGCTGTCTATCTGTGCCACGCA
CAGCCATGGCAAGTGCTCAAGCTGCACTGGTGTGTACCTAGGATGGTGTCACTGCAAATACATGTAT
CAGCCTATGACCCTGTGGAACAGCTTCCAAGCACTGAGATTCCTGCCAGGCTCGGGAACCCACAACA
CCATTAGATCTCAGTCTCGCTCACCGAACACTTTTTGAAATTTGCATCTGTCTCCAGCCTCCCCTCC
CCCTGACTCACCGAGTACTGTATGATTTAGACCTTTTTATTGACAACATCAGGTTAAATGTATTAAT
GGGAAGATGTGTTATGTGCAGAAGCAGCCGGCACCACATTCCACAGAATGAGCCCTGAGGAGGTCTCTG
CACACGATGCCTAATTTCAAAAGAGAGCAATACACCAAAAATAGATCACTGCTCTTCTCCCTCAAGTTC
TGAGGACTCTGGGATCAATGCGATTGGGGCTCACTATGTGGAATCGTGTGACGAGGACACAGAAGAAGGA
GCAGAACTGAGTTCAGAGGAAGATTACAGTCCAGAGAGCAGCTGGGAACCGGATGAGTGCACCCTTCTCT
CCCCCTCGCAGTCTGACCTGGAAGTGATTGAAACGATAGAAACGACTGTG

ACGCGTACGCGGCCGCTCGAGCAGAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCTGGATT
ACAAGGATGACGACGATAAGGTTTAA



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Protein Sequence: >RC222641 representing NM_001025266
 Red=Cloning site Green=Tags(s)

```
MSAAASPASERGWKSEKLDEAQLARSCAARRPDFQPCDGLSICATHSHGKCFKHLWCCHLGWCHCKYMY
QPMTPEQLPSTEIPARPREPTNTIQISVSLTEHFLKFASVFQPPLPPDSPRYCMI SDFIDNYQVKCIN
GKMICYVQKQPAPHSHRMSPEEVSAHDALISKESNTPKIDHCSSPSSSEDSGINAIGAHYVESCEDETEEG
AELSSEEDYSPESWEPDECTLLSPSQSDLEVIETIETTV
```

TRTRPLEQKLISEEDLAANDILDYKDDDDKV

Chromatograms: https://cdn.origene.com/chromatograms/ja1259_a07.zip

Restriction Sites: SgfI-MluI

Cloning Scheme:



ACCN: NM_001025266

ORF Size: 750 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_001025266.3](#)

RefSeq Size: 5901 bp

RefSeq ORF: 753 bp

Locus ID: 285382

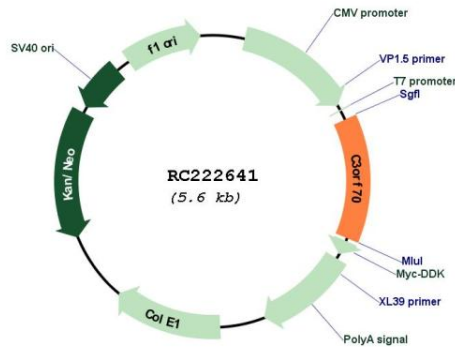
UniProt ID: [A6NLC5](#)

Cytogenetics: 3q27.2

MW: 27.6 kDa

Gene Summary: May play a role in neuronal and neurobehavioral development.[UniProtKB/Swiss-Prot Function]

Product images:



Circular map for RC222641