

Product datasheet for RC217689

C6orf15 (NM_014070) Human Tagged ORF Clone

Product data:

Product Type:	Expression Plasmids
Tag:	Myc-DDK
Symbol:	C6orf15
Synonyms:	STG
Mammalian Cell	Neomycin
Selection:	
Vector:	pCMV6-Entry (PS100001)
E. coli Selection:	Kanamycin (25 ug/mL)

ORF Nucleotide Sequence: >RC217689 representing NM_014070
Red=Cloning site Blue=ORF Green=Tags(s)

TTTGTGAATACGACTCACTATAGGGCGGCCGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
GCCGCGATCGCC

ATGCAGGGCCGCTGGCAGGGAGCTGCGCTCCTCTGGGCTGCTCCTGGTCTGTCTTCATCTCCCAGGCC
TCTTTGCCCGGAGCATCGGTGTTGTGGAGGAGAAAGTTTCCAAAACCTTGGGGACCACTTGCCCTCAGCT
CGGACAACCTTCTCCACTGGCCCCCTAACTCTGAACATCCGACGCCGCTCTGGACCTAGGTCTAAT
GACTTGGCAAGGGTTCTCTGAAGCTCAGCGTGCCTGCATCAGATGGCTTCCACCTGCAGGAGGTTCTG
CAGTGCAGAGGTGGCTCCATCGTGGGGGCTGCCTGCCATGGATTCTGGCCCCCTGAGGATCCTTGCCA
GATGATGGCTGCTGCGGCTGAGGACCGCTGGGGGAAGCGCTGCCTGAAGAACTCTCTTACCTCTCCAGT
GCTGCGGCCCTCGCTCCGGCAGTGGCCCTTGCCTGGGGAGTCTTCTCCCGATGCCACAGGCCTCTCAC
CCGAGGCTTCACTCCTCCACCAGGACTCGGAGTCCAGACGACTGCCCGTTCTAATTCAGTGGGAGCCGG
GGGAAAAATCCTTTCCCAACGCCCTCCCTGGTCTCTCATCCACAGGGTTCTGCCTGATCACCCTGGGGT
ACCCTGAATCCAGTGTGTCTGGGGAGGTGGAGGCCCTGGGACTGGTTGGGGAACGAGGCCCATGCCAC
ACCCTGAGGGAATCTGGGGTATCAATAATCAACCCCAAGTACCAGCTGGGGAATATTAATCGGTATCC
AGGAGGCAGCTGGGGAATATTAATCGGTATCCAGGAGGCAGCTGGGGAATATTAATCGGTATCCAGGA
GGCAGCTGGGGAATATTCATCTATACCCAGGTATCAATAACCCATTTCCTCTGGAGTTCTCCGCCCTC
CTGGCTCTTCTTGAACATCCAGCTGGCTTCCCTAATCCTCCAAGCCCTAGGTTGAGTGGGGC

ACGCGTACGCGGCCGCTCGAGCAGAACTCATCTCAGAAGAGGATCTGGCAGCAATGATATCCTGGATT
ACAAGGATGACGACGATAAGGTTTAA



Protein Sequence:

>RC217689 representing NM_014070

Red=Cloning site Green=Tags(s)

MQGRVAGSCAPLGLLLVCLHLPGLFARSIGVVEEKVSQNLGTNLPQLGQPSSTGPSNSEHPQALDPRSN
DLARVPLKLSVPASDGFPPAGGSAVQRWPPSWGLPAMDSWPPEDPWQMAAAEDRLGEALPEELSYLSS
AAALAPGSGPLPGESSPDATGLSPEASLLHQDSESRRLPRNSLGAGGKILSQRPPWSLIHRVLPDHPWG
TLNPSVSWGGGPGTGWGTRMPHPEGIWGINNQPPGTSGWGINRYPGGSWGGINRYPGGSWGGINRYPG
GSWGINHLYPGINNPFPFPGVLRPPGSSWNIPAGFPNPPSPRLQWG

TRTRPLEQKLISEEDLAANDILDYKDDDDKV

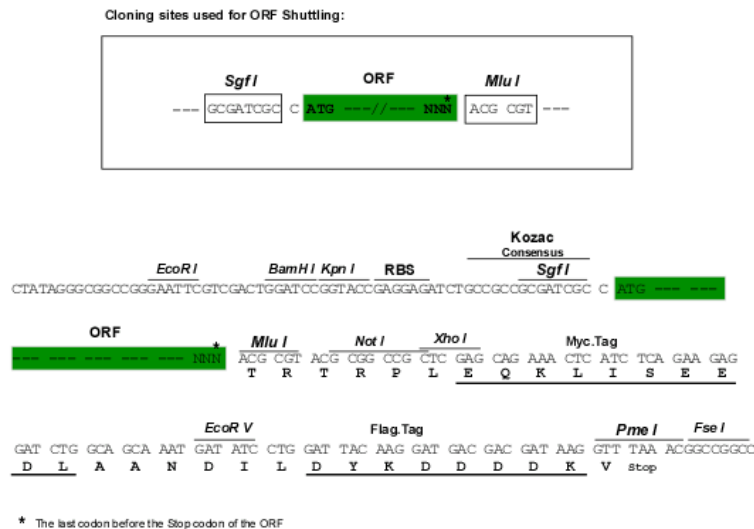
Chromatograms:

https://cdn.origene.com/chromatograms/mk8008_h03.zip

Restriction Sites:

SgfI-MluI

Cloning Scheme:



ACCN:

NM_014070

ORF Size:

975 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_014070.1](#), [NP_054789.1](#)

RefSeq Size: 1145 bp

RefSeq ORF: 978 bp

Locus ID: 29113

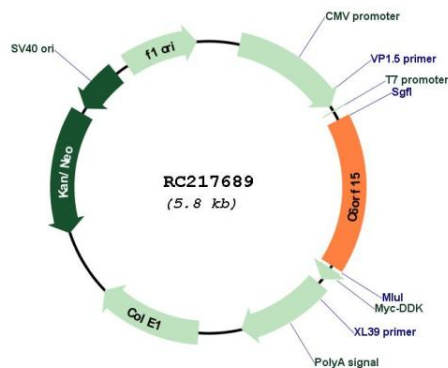
UniProt ID: [Q6UXA7](#)

Cytogenetics: 6p21.33

Protein Families: Secreted Protein

MW: 34 kDa

Product images:



Circular map for RC217689

Western validation with an anti-DDK antibody
 * L: Control HEK293 lysate R: Over-expression lysate