

Product datasheet for **RC229684**

CXorf56 (NM_001170570) Human Tagged ORF Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	CXorf56 (NM_001170570) Human Tagged ORF Clone
Tag:	Myc-DDK
Symbol:	CXorf56
Synonyms:	MRX107
Mammalian Cell Selection:	Neomycin
Vector:	pCMV6-Entry (PS100001)
E. coli Selection:	Kanamycin (25 ug/mL)
ORF Nucleotide Sequence:	>RC229684 representing NM_001170570 Red=Cloning site Blue=ORF Green=Tags(s)

TTTTGTAATACGACTCACTATAGGGCGGCCGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
 GCC**CGATCGCC**

ATGCCGAAAGTAGTGTCTCGGTCACTAGTCTGCTCTGACACTCGGGACCGGGAGGAATATGACGACGGCG
 AGAAGCCCTCCATGTTTACTACTGTTTGTGCGGCCAGATGGTCCTAGTCTGGACTGCCAGTTAGAGAA
 ATTGCCATGAGGCCCGGGACCGGTCCCGTGTGATTGATGCTGCCAAACATGCCATAAGTTTTGTAAC
 ACAGAAGATGAGGAGACTATGTATCTGCGGAGGTGTGGACTGCCGCTCTTCTACCAATCCAGCCAAAGA
 ATGCTCCTGTTACCTTCATTGTGGATGGAGCAGTAGTCAAGTTTGCCAGGGCTTTGGGAAACGAACAT
 ATATACTCAGAAACAAGAGCCTCCTAAGAAGGTGATGATGACCAAACGGACCAAAGACATGGGCAAGTTC
 AGTTCTGTACCGTGTCTACCATTGATGAAGAGGAAGAGGAGATTGAGGCTAGGGAAGTTGCTGACTCAT
 ATGCACAGAATGCCAAAGTGATTGAAAAACAGCTGGAGCGCAAAGGCATGAGCAAGAGGCGACTGCAAGA
 GCTGGCTGAATTGGAAGCCAAGAAAGCGAAAAATGAAGGGGACCTTGATTGACAACCAGTTCAAA

ACGCGTACGCGGCCGCTCGAGCAGAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT
 ACAAGGATGACGACGATAAGGTTTAA

Protein Sequence:	>RC229684 representing NM_001170570 Red=Cloning site Green=Tags(s)
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MPKVVSRSVVCSDTRDREYDDGEKPLHVVYCLCGQMVLVDCQLEKLPMPRDRSRVIDAAKHAHKFCN
 TEDEETMYLRRCLPLFYQSQPKNAPVTFIVDGAVVKFGQGFGKTNITYQKQEPKVMKTKRTKDMGKF
 SSVTVSTIDEEEEIEAREVADSYAQNAKVIEKQLERKGMKRRQLAELEAKKAKMKGLIDNQKF

TRTRPLEQKLISEEDLAANDILDYKDDDDKV


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Restriction Sites: SgfI-MluI

Cloning Scheme:



ACCN: NM_001170570

ORF Size: 624 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_001170570.2](#)

RefSeq ORF: 627 bp

Locus ID: 63932

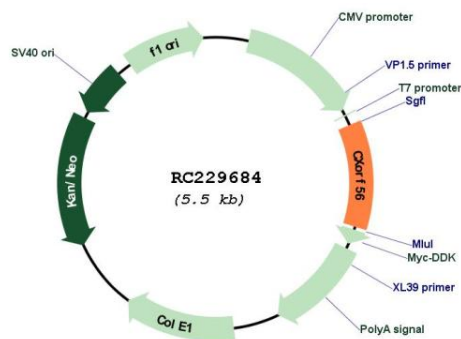
UniProt ID: [Q9H5V9](#)

Cytogenetics: Xq24

MW: 24.4 kDa

Gene Summary: While this gene is well-supported by transcript data, no functional information on its protein products is currently available. Three transcript variants encoding different isoforms have been found for this gene. [provided by RefSeq, Dec 2009]

Product images:



Circular map for RC229684