

Product datasheet for RC200782

C11orf48 (LBHD1) (NM_024099) Human Tagged ORF Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	C11orf48 (LBHD1) (NM_024099) Human Tagged ORF Clone
Tag:	Myc-DDK
Symbol:	C11orf48
Synonyms:	C11orf48
Mammalian Cell Selection:	Neomycin
Vector:	pCMV6-Entry (PS100001)
E. coli Selection:	Kanamycin (25 ug/mL)
ORF Nucleotide Sequence:	>RC200782 ORF sequence Red=Cloning site Blue=ORF Green=Tags(s)

TTTGTAAATACGACTCACTATAGGGCGGCCGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
 GCCCGCATCGCC

ATGGCCCTTGTCAGGGAGAAGCAAGGAGGATGGGCTTTGGACTAGAAATAGCCCAGGCTCCTCCCAGC
 ATCCAGAAAGTCCCAGGCTGCCCAACCCTCTCTGGGACAGAGGAAAAATTGGCAAGGTTGAAGGTCACCA
 GCACATTCAGGATTTCTCTCAAAAGTCCCATCTGCCGCTATTGTGGTGAATCCAGTGAGGTGAATGAA
 GAGAGTGGGGATCTCCATTTGCCCCATGAGGAGCTGCTGCTGCTCACTGATGGTGAGGAAGAGGATGCTG
 AGGCCTTCTTCCAAGACCAAAGTGAAGAGCCAGGCTGGGCTTGGAGCCCACAGGACCCTAGAAGTCCTTT
 AAGAACATTTAACGCTGGACTCAGCTGGGGCAGGACCAGGATGAAGAAGATGCTTGTGGATTCTTGAG
 GACACAGCATGTCTGGAAGCCACCAACCACTGTCCCTTCTGGGACTCAACAGGCTCCCGTGTGTAGAA
 GTGGCTTTGTGGAATATTTCCATCTCCTGCCTCCTAATAGCTTTGAGGGAGCTGAAGAAGAAGCTGTTCA
 AACGCCGGCGGGTGTGAATCGGGAGCGGCGTCTGAGGCACCGGGTGGTCGGGGCTGTGATAGACCAAGG
 GCTGATCACGCGGCACCACCTCAAGAAGCGGGCGTCCAGTGACGTGCCAACATTACACTGTCAGGGAAG
 AAGCGCAGAAAACCTCTCCAGCAGATCCGGCTTGCCAGAAAGAGAAGACAGCCATGGAAGTGGAAGCCC
 CTTCAAAGCCAGCCAGGAC

ACGCGTACGCGGGCGCTCGAGCAGAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT
 ACAAGGATGACGACGATAAGGTTTAA


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Protein Sequence: >RC200782 protein sequence
 Red=Cloning site Green=Tags(s)

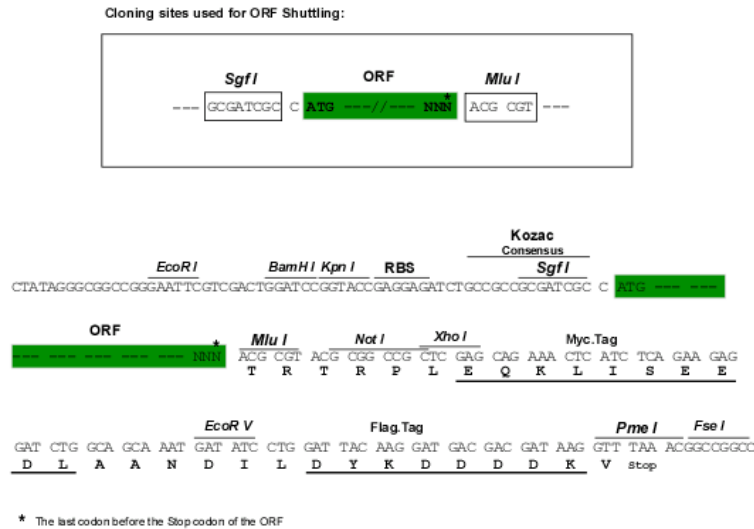
MALVPGRSKEDGLWTRNSPGSSQHPESPRLPNPLWDRGKIGKVEGHQHIQDFSQKSHLPSIVVESSEVNE
 ESGDLHLPHEELLLLTDGEEEDAEAFFQDQSEEPGAWSPQDPRSPLRTFNAGLSWGQDQDEEDACWILE
 DTACLEATNHCPFDSTGSRVCRSGFVEYSHLLPPNSFEGAEAAVQTPAGVESGAASEAPGGRGCDRPR
 ADHAAPPQEAGVQCTCQHYTVREEAQKTPADPACPEREDSHGSGSPFKASQD

TRTRPLEQKLISEEDLAANDILDYKDDDDKV

Chromatograms: https://cdn.origene.com/chromatograms/mk6385_f05.zip

Restriction Sites: SgfI-MluI

Cloning Scheme:



ACCN: NM_024099

ORF Size: 789 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_024099.3](#), [NP_077004.2](#)

RefSeq Size: 1357 bp

RefSeq ORF: 792 bp

Locus ID: 79081

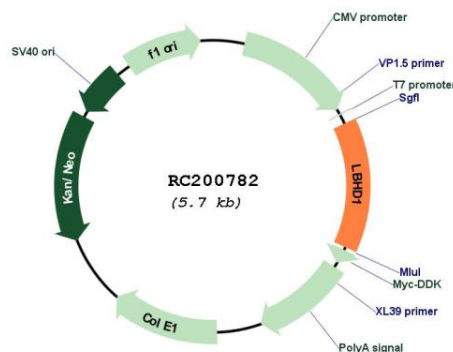
UniProt ID: [Q9BQE6](#)

Cytogenetics: 11q12.3

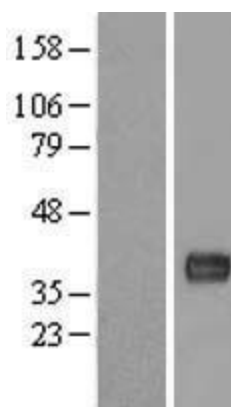
MW: 28.8 kDa

Gene Summary: This gene shares three exons in common with another gene, chromosome 11 open reading frame 98 (GeneID:102288414), but the encoded protein uses a reading frame that is different from that of the chromosome 11 open reading frame 98 gene. [provided by RefSeq, Nov 2017]

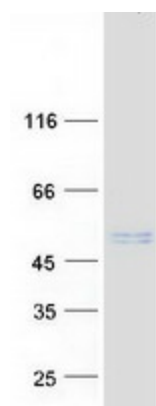
Product images:



Circular map for RC200782



Western blot validation of overexpression lysate (Cat# [LY411370]) using anti-DDK antibody (Cat# [TA50011-100]). Left: Cell lysates from untransfected HEK293T cells; Right: Cell lysates from HEK293T cells transfected with RC200782 using transfection reagent MegaTran 2.0 (Cat# [TT210002]).



Coomassie blue staining of purified LBHD1 protein (Cat# [TP300782]). The protein was produced from HEK293T cells transfected with LBHD1 cDNA clone (Cat# RC200782) using MegaTran 2.0 (Cat# [TT210002]).