

Product datasheet for RC204931

LENG1 (NM_024316) Human Tagged ORF Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	LENG1 (NM_024316) Human Tagged ORF Clone
Tag:	Myc-DDK
Symbol:	LENG1
Mammalian Cell Selection:	Neomycin
Vector:	pCMV6-Entry (PS100001)
E. coli Selection:	Kanamycin (25 ug/mL)
ORF Nucleotide Sequence:	>RC204931 ORF sequence Red=Cloning site Blue=ORF Green=Tags(s)

TTTTGTAATACGACTCACTATAGGGCGGCCGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
GCC**CGATCGCC**

ATGAATATCTTGCCCAAGAAGAGCTGGCACGTCCGGAACAAGGACAATGTCGCCCGCTGCGGCCTGACG
AGGCCCAGGCCCGGGAGGAGGAGAAGGAGCGTGAGCGGAGGGTGCTGCTGGCTCAGCAAGAGGCCCGTAC
AGAATTCCTACGGAAGAAAGCCAGACATCAGAATCACTGCCTGAGCTTGAAGCAGCAGAGGCGGGAGCC
CCAGGTTCTGGCCCTGTGGACCTGTTTCGGGAGCTGCTGGAGGAAGGAAAGGAGTGATCAGAGGCAATA
AAGAGTACGAGGAAGAAAAGCGACAGGAGAAAGAGAGGCAAGAGAAAGCTCTGGGCATCCTGACATACCT
GGGCCAGAGTGACGGAGGCACAGACTCAACCCCTTGGTACCAGCTACCCCGAGGCGAGGGGGCCCC
CCGCCCGGCCAGCCCCAGATGAGAAGATCAAGAGCCGTCTGGACCCTCTGCGGGAGATGCAGAAGCATC
TGGGGAAGAAGAGACAGCACGGCGGTGATGAAGGCAGTCGCAGCAGAAAGGAAAAGGAGGGTCTGAGAA
GCAGCGACCCAAGGAGCCTCCATCCCTGGACCAGCTTCGAGCTGAACGTCTGCGGAGGGAAGCAGCTGAG
AGGTCTCGGGCAGAGGCCCTGCTGGCCCGGGTCCAAGGCCGGGCACTACAGGAGGGTCAGCCGGAAGAAG
ACGAGACGGATGACCGGCGGGCGGTACAACCTCCAATTCAACCCCGAGCTGGCCCGGCCGCCCCCGCCA
GCAGGACCCTCACCTTACTCAC

ACGCGTACGCGGCCGCTCGAGCAGAAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT
ACAAGGATGACGACGATAAGGTTTAA



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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_024316.1](#), [NP_077292.1](#)

RefSeq Size: 941 bp

RefSeq ORF: 795 bp

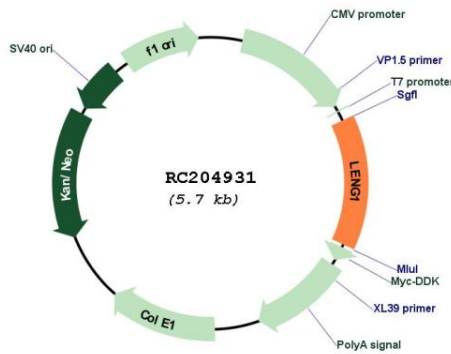
Locus ID: 79165

UniProt ID: [Q96BZ8](#)

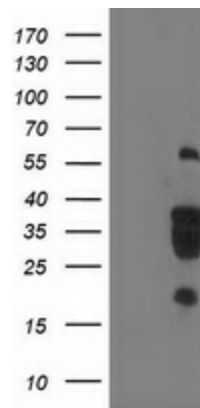
Cytogenetics: 19q13.42

MW: 30.5 kDa

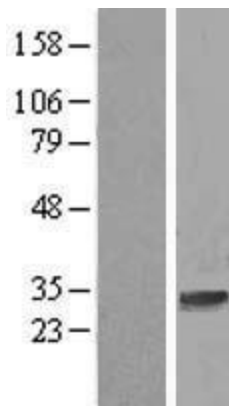
Product images:



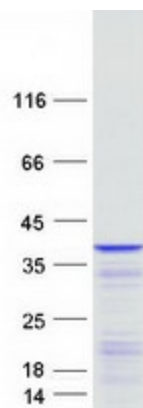
Circular map for RC204931



HEK293T cells were transfected with the pCMV6-ENTRY control (Cat# [PS100001], Left lane) or pCMV6-ENTRY LENG1 (Cat# RC204931, Right lane) cDNA for 48 hrs and lysed. Equivalent amounts of cell lysates (5 ug per lane) were separated by SDS-PAGE and immunoblotted with anti-LENG1 (Cat# [TA503117]). Positive lysates [LY411314] (100ug) and [LC411314] (20ug) can be purchased separately from OriGene.



Western blot validation of overexpression lysate (Cat# [LY411314]) using anti-DDK antibody (Cat# [TA50011-100]). Left: Cell lysates from untransfected HEK293T cells; Right: Cell lysates from HEK293T cells transfected with RC204931 using transfection reagent MegaTran 2.0 (Cat# [TT210002]).



Coomassie blue staining of purified LENG1 protein (Cat# [TP304931]). The protein was produced from HEK293T cells transfected with LENG1 cDNA clone (Cat# RC204931) using MegaTran 2.0 (Cat# [TT210002]).