

Product datasheet for RC222081

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OriGene Technologies, Inc.

CLPSL1 (NM_001010886) Human Tagged ORF Clone

Product data:

Product Type: Expression Plasmids

Product Name: CLPSL1 (NM_001010886) Human Tagged ORF Clone

Tag: Myc-DDK
Symbol: CLPSL1

Synonyms: C6orf127; dJ510O8.6; ESP32

Mammalian Cell Neomycin

Selection:

Vector:pCMV6-Entry (PS100001)E. coli Selection:Kanamycin (25 ug/mL)ORF Nucleotide>RC222081 ORF sequence

Sequence: Red=Cloning site Blue=ORF Green=Tags(s)

TTTTGTAATACGACTCACTATAGGGCCGGCCGGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC

GCCGCGATCGCC

ACGCGTACGCGGCCGCTCGAGCAGAAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT

ACAAGGATGACGACGATAAG**GTTTAA**

Protein Sequence: >RC222081 protein sequence

Red=Cloning site Green=Tags(s)

MMLPQWLLLLFLLFFFLFLLTRGSLSPTKYNLLELKESCIRNQDCETGCCQRAPDNCESHCAEKGSEGSL

CQTQVFFGQYRACPCLRNLTCIYSKNEKWLSIAYGRCQKIGRQKLAKKMFF

TRTRPLEQKLISEEDLAANDILDYKDDDDKV

Chromatograms: https://cdn.origene.com/chromatograms/mk6471 b12.zip

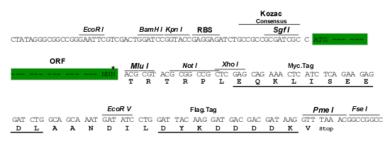
Restriction Sites: Sgfl-Mlul





Cloning Scheme:





^{*} The last codon before the Stop codon of the ORF

ACCN: NM_001010886

ORF Size: 363 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.

RefSeg: NM 001010886.5

 RefSeq Size:
 477 bp

 RefSeq ORF:
 366 bp

 Locus ID:
 340204

 UniProt ID:
 A2RUU4

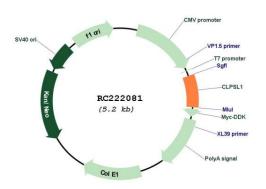


Cytogenetics: 6p21.31

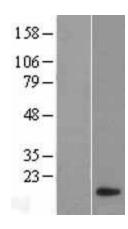
Protein Families: Transmembrane

MW: 14.1 kDa

Product images:



Circular map for RC222081



Western blot validation of overexpression lysate (Cat# [LY423207]) using anti-DDK antibody (Cat# [TA50011-100]). Left: Cell lysates from untransfected HEK293T cells; Right: Cell lysates from HEK293T cells transfected with RC222081 using transfection reagent MegaTran 2.0 (Cat# [TT210002]).