

Product datasheet for **RC205002**

SLIRP (NM_031210) Human Tagged ORF Clone

Product data:

Product Type: Expression Plasmids
Product Name: SLIRP (NM_031210) Human Tagged ORF Clone
Tag: Myc-DDK
Symbol: SLIRP
Synonyms: C14orf156; DC50; PD04872
Vector: pCMV6-Entry (PS100001)
E. coli Selection: Kanamycin (25 ug/mL)
Cell Selection: Neomycin
ORF Nucleotide Sequence: >RC205002 ORF sequence
Red=Cloning site Blue=ORF Green=Tags(s)

TTTTGTAATACGACTCACTATAGGGCGCCGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
GCC**GCGATCGCC**

**ATGGCGGCCTCAGCAGCGGAGGTGCTGCGGCGCTGCGTAGAAGTATCAATCAGCCGGTTGCTTTTGTGA
GAAGAATTCCTTGACTGCGGCGTCGAGTCAGCTGAAAGAACACTTTGCACAGTTCGGCCATGTCAGAAG
GTGCATTTTACCTTTTGACAAGGAGACTGGCTTTCACAGAGGTTTGGGTTGGGTTTCAGTTTCTTCAGAA
GAAGGACTTCGGAATGCACTACAACAGGAAAATCATATTATAGATGGAGTAAAGGTCAGTTTCACACTA
GAAGGCCAAAACCTCCGCAAACATCTGATGATGAAAAGAAAGATTTT**

**ACGCGTACGCGGCCGCTCGAGCAGAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT
ACAAGGATGACGACGATAAGGTTTAA**

Protein Sequence: >RC205002 protein sequence
Red=Cloning site Green=Tags(s)

MAASAARGAAALRRSINQPVAFVRRIPWTAASSQLKEHFAQFGHVRRRCILPFDKETGFHRGLGWVQFSSE
EGLRNALQQENHIIDGVKQVHTRRPKLPQTSDDDEKDF

TRTRPLEQKLISEEDLAANDILDYKDDDDKV

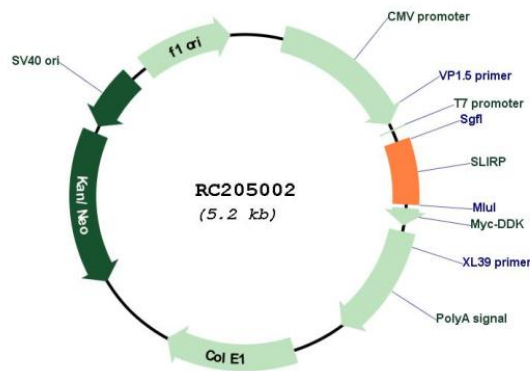
Chromatograms: https://cdn.origene.com/chromatograms/mk6439_f12.zip

Restriction Sites: Sgfl-Mlul



[View online »](#)

Cloning Scheme:

Plasmid Map:

ACCN:

NM_031210

ORF Size:

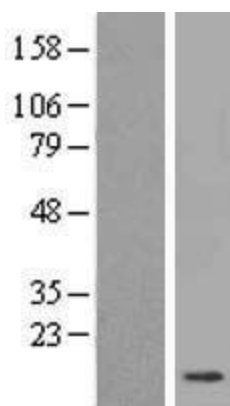
327 bp

OTI Disclaimer:

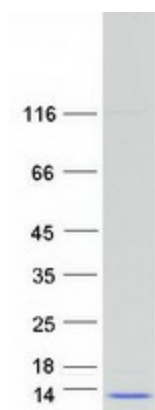
The molecular sequence of this clone aligns with the gene accession number as a point of reference only. However, individual transcript sequences of the same gene can differ through naturally occurring variations (e.g. polymorphisms), each with its own valid existence. This clone is substantially in 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:	<ol style="list-style-type: none">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_031210.3 , NP_112487.1
RefSeq Size:	420 bp
RefSeq ORF:	330 bp
Locus ID:	81892
UniProt ID:	Q9GZT3
Cytogenetics:	14q24.3
Domains:	RRM
MW:	12.3 kDa
Gene Summary:	Steroid receptor RNA activator (SRA, or SRA1; MIM 603819) is a complex RNA molecule containing multiple stable stem-loop structures that functions in coactivation of nuclear receptors. SLIRP interacts with stem-loop structure-7 of SRA (STR7) and modulates nuclear receptor transactivation (Hatchell et al., 2006 [PubMed 16762838]).[supplied by OMIM, Mar 2008]

Product images:



Western blot validation of overexpression lysate (Cat# [LY410590]) using anti-DDK antibody (Cat# [TA50011-100]). Left: Cell lysates from untransfected HEK293T cells; Right: Cell lysates from HEK293T cells transfected with RC205002 using transfection reagent MegaTran 2.0 (Cat# [TT210002]).



Coomassie blue staining of purified SLIRP protein (Cat# [TP305002]). The protein was produced from HEK293T cells transfected with SLIRP cDNA clone (Cat# RC205002) using MegaTran 2.0 (Cat# [TT210002]).