

Product datasheet for **RC205271**

RASL10A (NM_006477) Human Tagged ORF Clone

Product data:

Product Type: Expression Plasmids
Product Name: RASL10A (NM_006477) Human Tagged ORF Clone
Tag: Myc-DDK
Symbol: RASL10A
Synonyms: RRP22
Vector: pCMV6-Entry (PS100001)
E. coli Selection: Kanamycin (25 ug/mL)
Cell Selection: Neomycin
ORF Nucleotide Sequence: >RC205271 ORF sequence
Red=Cloning site Blue=ORF Green=Tags(s)

TTTTGTAATACGACTCACTATAGGGCGGCCGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
GCC**CGATCGCC**

ATGGGGGTAGCCTGCGGGTGGCCGTTCTAGGCGCCCCGGGCGTGGGCAAGACGGCCATCATCCGCCAGT
TCGTGTTTCGGTGACTACCCGAGCGCCACCGGCCACGGACGGGCGCGCCTCTACCGACCCGCGGTGCT
GCTCGACGGCGCGTCTACGACTTGAGCATCCGCGACGGCGACGTCGCTGGCCCCGGCTCGAGCCCCGGG
GGTCCGGAGGAGTGGCCAGACGCTAAGGACTGGAGCTTGCAAGACACGGACGCCTTCGTGCTCGTCTACG
ACATCTGCAGCCCGGACAGTTTCGACTACGTGAAGGCCCTGCGGACGCGCATCGCGGAGACCAGGCCGGC
GGGCGCGCCGAAGCGCCATCCTCGTGGTAGGCAACAAGCGGGACAGGCAGCGGCTGCGCTTCGGACCG
CGGCGCGCGTGGCCGCCCTAGTGCAGGGGGTGGCGCTGCGGCTACCTCGAGTGCTCCGCCAAGTACA
ACTGGCACGTGCTGCGTCTTCCGCGAGCTGCTGCGCTGCGCTCTGGTGCAGCGCGCCCTGCACACCC
GGCCCTGCGCTGCAGGGGGCGCTGCATCCCGCGCGTGCAGCCTCATG

ACGCGTACGCGGCGGCTCGAGCAGAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT
ACAAGGATGACGACGATAAGGTTTAA

Protein Sequence: >RC205271 protein sequence
Red=Cloning site Green=Tags(s)

MGGSRLRAVVLGAPGVGKTAIRQFVFGDYPERHRPTDGPRLYRPAVLLDGAVIDLSIRDGDVAGPGSSPG
GPEEWPDAKDWSLQDADFVLYDICSDFDYVKALRQRIAE TRPAGAPEAPILVVGKRDQRQRLRFGP
RRALAAALVRRGWRCGYLECSAKYNWHVLRFLRELLRCALVRARPAPALRLQGALHPARCSLM

TRTRPLEQKLISEEDLAANDILDYKDDDDKV

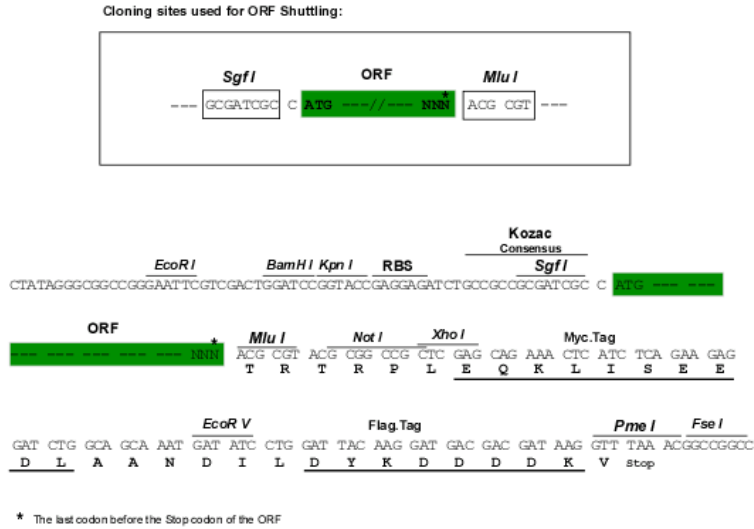
Chromatograms: https://cdn.origene.com/chromatograms/mk6368_f07.zip



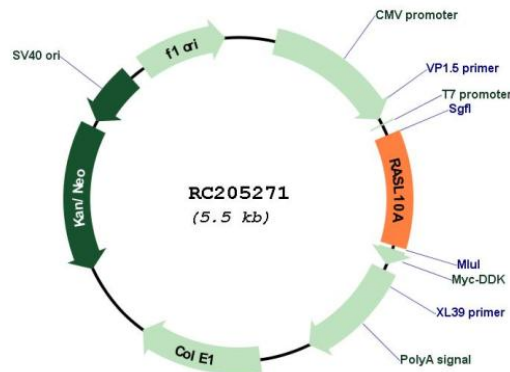
[View online »](#)

Restriction Sites: SgfI-MluI

Cloning Scheme:



Plasmid Map:



ACCN: NM_006477

ORF Size: 609 bp

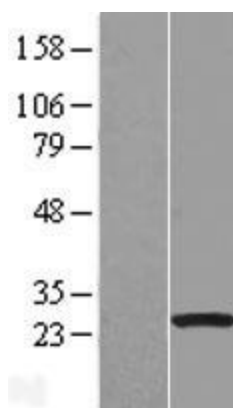
OTI Disclaimer: The molecular sequence of this clone aligns with the gene accession number as a point of reference only. However, individual transcript sequences of the same gene can differ through naturally occurring variations (e.g. polymorphisms), each with its own valid existence. This clone is substantially 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.

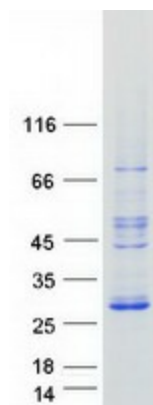
RefSeq: [NM_006477.5](#)

RefSeq Size:	1504 bp
RefSeq ORF:	612 bp
Locus ID:	10633
UniProt ID:	Q92737 , A0A024R1C8
Domains:	RAS, RHO, RAB
MW:	22.5 kDa
Gene Summary:	Potent inhibitor of cellular proliferation.[UniProtKB/Swiss-Prot Function]

Product images:



Western blot validation of overexpression lysate (Cat# [LY416619]) using anti-DDK antibody (Cat# [TA50011-100]). Left: Cell lysates from untransfected HEK293T cells; Right: Cell lysates from HEK293T cells transfected with RC205271 using transfection reagent MegaTran 2.0 (Cat# [TT210002]).



Coomassie blue staining of purified RASL10A protein (Cat# [TP305271]). The protein was produced from HEK293T cells transfected with RASL10A cDNA clone (Cat# RC205271) using MegaTran 2.0 (Cat# [TT210002]).