

Product datasheet for **RG237156**

ARL6IP4 (NM_001278379) Human Tagged ORF Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	ARL6IP4 (NM_001278379) Human Tagged ORF Clone
Tag:	TurboGFP
Symbol:	ARL6IP4
Synonyms:	SFRS20; SR-25; SRp25; SRrp37
Mammalian Cell Selection:	Neomycin
Vector:	pCMV6-AC-GFP (PS100010)
E. coli Selection:	Ampicillin (100 ug/mL)
ORF Nucleotide Sequence:	>RG237156 representing NM_001278379. Blue=ORF Red=Cloning site Green=Tag(s)

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GCTCGTTTAGTGAACCGTCAGAATTTGTAAACGACTCACTATAGGGCGCCGGGAATTCGTCGACTG
GATCCGGTACCGAGGAGATCTGCCGCCGCGATCGCC
ATGCCACGTTGCACGTATCAGCTGGAGCAGAATCCTGGCTTCCTCCGGATGGGCTGGGTCCATGCC
CGCGCTCACTGCCAAGATCTTTCTGGCCCTACGGACACGAGTTTGCACCTCTGAGTCACTGGGTGGG
CGCGTCGAAAGACCAGGGCGCCTCAGTCTGGAGCTCGCAGTCCCGGGCGCCATGGCTCACGTCGGC
TCCCGCAAGCGCTCGAGGAGTCCAGCCGGTCCCGGGACGGGGTGGAAAAGAGAAGAAGAGAGC
AGGAAAGACACCTCGAGGAAGTCTCGGCTCCACATCCAAGAGAGAAGCAAGCAGAAGGCCCGGAGG
AGAACAAGATCCAGCTCCTCCTCTTCTTCCAGTTCTTCTAGCTCCTTCTTCTCCTCGTCTCTCC
TCCTTTCTCCTCAGTGATGGCCGGAAGAAGCGGGGAAGTACAAGGACAAGAGGAGGAAGAAGAAG
AAGAGGAAGAAGCTGAAGAAGAAGGCAAGGAGAAGGCGGAAGCACAGCAGGTGGAGGCTCTGCCGGC
CCCTCGCTGGACCAAGTGGACCGATCAGCTGGGAGGAAGAGGATGGCCAGTCTGACGGATGAGCAG
AAGTCCCGAATCCAGGCCATGAAGCCATGACCAAGGAGGAGTGGGATGCCCGGCAGAGCATCATCCGC
AAGGTGGTGGACCCTGAGACGGGGCGCACAGGCTTATTAAGGGAGATGGCGAGGTCTAGAGGAAATC
GTAACCAAGAACGACACAGAGAGATCAACAAGCAAGCCACCCGAGGGGACTGCCTGGCCTTCCAGATG
CGAGCTGGGTTGCTTCCC
ACGCGTACGCGGCCGCTCGAG - GFP Tag - GTTTAAAC
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Protein Sequence: >Peptide sequence encoded by RG237156
 Blue=ORF Red=Cloning site Green=Tag(s)

MPRCTYQLEQNPGLPDGPGVHARAHCQDLSPYGFHEFATSESLGGRVVKTRAPQSGARSPRGAMAHVG
 SRKRSRSRSRGRGSEKRKKKSRKDTSRNCSASTSQERSKQKARRRTRSSSSSSSSSSSSSSSSSSSS
 SSSSSDGRKKRGKYDKRKRKKKKRKKLKKKGKEKAEAQVEALPGPSLDQWHRSAEEEEEDGPVL TDEQ
 KSRIQAMKPMTKEEWDARQSIIRKVVDPETGRTRLIKGDGEVLEEIVTKERHREINKQATRGDCLAFQM
 RAGLLP
 TRTRPLEMESDESGLPAMEIECRITGTLNGVEFELVGGEGTPEQGRMTNKMSTKGALTFSPYLLSHV
 MGYGFYHFGTYPYSGYENPFLHAINNGGYNTRIEKYEDGGVLHVSFSYRYEAGRVIGDFKVMGTGFPED
 SVIFTDKIIRS NATVEHLHPMGDNDLDGSFTRTFSLRDGGYSSVVD SHMHFKSAIHPSILQNGGPMFA
 FRRVEEDHSNTELGIVEYQHAFKTPDADAGEERV

Restriction Sites: SgfI-MluI

Cloning Scheme:



ACCN: NM_001278379

ORF Size: 846 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).

RefSeq: [NM_001278379.1](#), [NP_001265308.1](#)

RefSeq Size: 1240 bp

RefSeq ORF: 657 bp

Locus ID: 51329

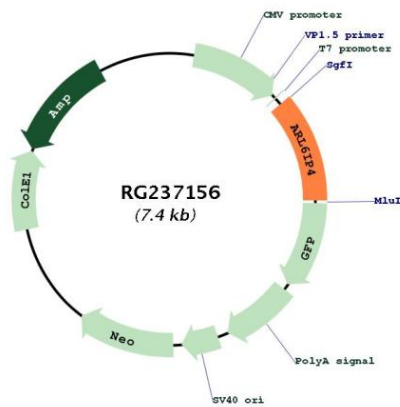
UniProt ID: [Q66PJ3](#)

Cytogenetics: 12q24.31

MW: 31.8 kDa

Gene Summary: Involved in modulating alternative pre-mRNA splicing with either 5' distal site activation or preferential use of 3' proximal site. In case of infection by Herpes simplex virus (HSV1), may act as a splicing inhibitor of HSV1 pre-mRNA.[UniProtKB/Swiss-Prot Function]

Product images:



Circular map for RG237156