

Product datasheet for **SC337590**

MYRIP (NM_001284423) Human Untagged Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	MYRIP (NM_001284423) Human Untagged Clone
Tag:	Tag Free
Symbol:	MYRIP
Synonyms:	SLAC2-C; SLAC2C
Vector:	<u>pCMV6 series</u>



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Fully Sequenced ORF: >NCBI ORF sequence for NM_001284423, the custom clone sequence may differ by one or more nucleotides

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ATGGGGAGGAAGCTGGACCTGTCTGGTTTACTGATGATGAAACAGAGCATGTTCTTCAGGTGGTTCAAA
GAGACTTCAATCTTCGAAAAAAGAAGAAGCACTAAGTGAGCTGAAGCAGAAGCTGGATGAGGAAGG
CAGCAAGTGCAGCATCTCTCGAAGCACCAGCAGTTTGTGGAGCACTGCTGCATGCGCTGCTGCTCGCCC
TTCACCTTCTCTCGTCAACACCAAGCGCCAGTGTGGAGATTGCAAATTCATGTCTGCAAGAGCTGCTGCT
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TCTGGAATGGTTCTACAATAATGTGAAGAGCCGCTTCAAGCGCTTTGGCAGTGCCAAGGTTCTGAAGAAC
CTGTACAGGAAGCACCAGCTGGAGAGTGGCGCTGCTTCGACATTCTAGGAGGAAGCCTTTTTGAGTCAA
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CCCTGAAGACCCCTCCAGTGGAGGCTCCATCGAGGCAGCCAAGGGACCAAGGCCAACACCCGAGAGCAGA
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CCCCAGCCTCAGCCACACAGGCCCAGAGCTCTGACCAAGGCCCATAGCTGCCTCCCCATCCTCTGCAC
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GCACCAGGCCAGACTGTCTGGTTCAGAGGAAGGCCCCAGGAACCTGCAGCTGAGAAGATGCCTTG
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TCAGAGACAGACATCAGCAATGAGGCTCGGGATCCCCAGACTCTCACAGACACCACAGGAGAAACGGA
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ATGCCACAGAGGAGTTGATAGCAGGATCTACAGGGCCCTGGGAGTCCCCACAAGTCCCTCTGACAGACA
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GCATCCACAGTGGCACTGATGAGACCCATCTGGCGGATCTGGAGGACCAGGTGGCCACGGCTGCAGCCCA
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AGGAAAGGCACCACCAAGGATTTGATGGAGCCTGCTCTGGAGTCAGCTGTGATGTAAGTGA

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Restriction Sites: SgfI-MluI

ACCN: NM_001284423

OTI Disclaimer: Our molecular clone sequence data has been matched to the reference identifier above as a point of reference. Note that the complete sequence of our molecular clones may differ from the sequence published for this corresponding reference, e.g., by representing an alternative RNA splicing form or single nucleotide polymorphism (SNP).

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.
RefSeq:	<u>NM_001284423.1, NP_001271352.1</u>
RefSeq Size:	4857 bp
RefSeq ORF:	2580 bp
Locus ID:	25924
UniProt ID:	<u>Q8NFW9</u>
Cytogenetics:	3p22.1
Gene Summary:	Rab effector protein involved in melanosome transport. Serves as link between melanosome-bound RAB27A and the motor proteins MYO5A and MYO7A. May link RAB27A-containing vesicles to actin filaments. Functions as a protein kinase A-anchoring protein (AKAP). May act as a scaffolding protein that links PKA to components of the exocytosis machinery, thus facilitating exocytosis, including insulin release (By similarity).[UniProtKB/Swiss-Prot Function] Transcript Variant: This variant (2) differs in the 5' UTR compared to variant 1. Both variants 1 and 2 encode isoform a.