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Product datasheet for SC329453

Rab9 (RAB9A) (NM_001195328) Human Untagged Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	Rab9 (RAB9A) (NM_001195328) Human Untagged Clone
Tag:	Tag Free
Symbol:	Rab9
Synonyms:	RAB9
Vector:	pCMV6-Entry (PS100001)
Fully Sequenced ORF:	>SC329453 representing NM_001195328. Blue=Insert sequence Red=Cloning site Green=Tag(s) ATGGCAGGAAAATCATCACTTTTTAAAGTAATTCTCCTTGGAGATGGTGGAGTTGGGAAGAGTTCACTT ATGAACAGATATGTAACTAATAAGTTTGATACCCAGCTCTTCCATACAATAGGTGTGGAATTTTTAAAT AAAGATTTGGAAGTGGATGGACATTTTGTTACCATGCAGATTTGGGACACGGCAGGTCAGGAGCGATTC CGAAGCCTGAGGACACCATTTTACAGAGGTTCTGACTGCTGCCTGCTTACTTTTAGTGTCGATGATTCA CAAAGCTTCCAGAACTTAAGTAACTGGAAGAAAGAATTCATATATTATGCAGATGTGAAAGAGCCTGAG AGCTTTCCTTTTGTGATTCTGGGTAACAAGATTGACATAAGCGAACGGCAGGTGTCTACAGAAGAAGCC CAAGCTTGGTGCAGGGACAACGGCGACTATCCTTATTTTGAAACAAGTGCAAAAGATGCCACAAATGTG GCAGCAGCCTTTGAGGAAGCGGTTCGAAGAGTTCTTGCTACCGAGGATAGGTCAGATCATTTGATTCAG ACAGACACAGTCAATCTTCACCGAAAGCCCAAGCCTAGCTCATCTTGCTGTTGA
Restriction Sites:	SgfI-MluI
ACCN:	NM_001195328
Insert Size:	606 bp
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).

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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:	NM_001195328.1
RefSeq Size:	1288 bp
RefSeq ORF:	606 bp
Locus ID:	9367
UniProt ID:	P51151
Cytogenetics:	Xp22.2
Protein Families:	Druggable Genome
MW:	22.8 kDa
Gene Summary:	Involved in the transport of proteins between the endosomes and the trans Golgi network. Involved in the recruitment of SGSM2 to melanosomes and is required for the proper trafficking of melanogenic enzymes TYR, TYRP1 and DCT/TYRP2 to melanosomes in melanocytes.[UniProtKB/Swiss-Prot Function] Transcript Variant: This variant (2) differs in the 5' UTR compared to variant 1. Variants 1 and 2 both encode the same protein.