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Product datasheet for SC318652

DENND4C (NM_017925) Human Untagged Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	DENND4C (NM_017925) Human Untagged Clone
Tag:	Tag Free
Symbol:	DENND4C
Synonyms:	bA513M16.3; C9orf55; C9orf55B; RAB10GEF
Vector:	pCMV6 series
Restriction Sites:	Please inquire
ACCN:	NM_017925
Insert Size:	5022 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).
OTI Annotation:	This TrueClone is provided through our Custom Cloning Process that includes sub-cloning into OriGene's pCMV6 vector and full sequencing to provide a non-variant match to the expected reference without frameshifts, and is delivered as lyophilized plasmid DNA.
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:	NM_017925.4, NP_060395.4
RefSeq Size:	7023 bp
RefSeq ORF:	5022 bp

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Locus ID:	55667
UniProt ID:	Q5VZ89
Cytogenetics:	9p22.1
Gene Summary:	Guanine nucleotide exchange factor (GEF) activating RAB10. Promotes the exchange of GDP to GTP, converting inactive GDP-bound RAB10 into its active GTP-bound form. Thereby, stimulates SLC2A4/GLUT4 glucose transporter-enriched vesicles delivery to the plasma membrane in response to insulin.[UniProtKB/Swiss-Prot Function] Transcript Variant: This variant (1) represents the full length protein. The exon combination is inferred and is supported by a series of overlapping partial transcripts. The annotated protein is supported by homology. Sequence Note: This RefSeq record was created from transcript and genomic sequence data to make the sequence consistent with the reference genome assembly. The genomic coordinates used for the transcript record were based on transcript alignments.