

Product datasheet for **MR205648L4V**

Sdccag8 (BC016244) Mouse Tagged ORF Clone Lentiviral Particle

Product data:

Product Type:	Lentiviral Particles
Product Name:	Sdccag8 (BC016244) Mouse Tagged ORF Clone Lentiviral Particle
Symbol:	Sdccag8
Synonyms:	2700048G21Rik; 5730470G24Rik; Cccap
Mammalian Cell Selection:	Puromycin
Vector:	pLenti-C-mGFP-P2A-Puro (PS100093)
Tag:	mGFP
ACCN:	BC016244
ORF Size:	1101 bp
ORF Nucleotide Sequence:	The ORF insert of this clone is exactly the same as(MR205648).
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:	BC016244.1
RefSeq Size:	2042 bp
RefSeq ORF:	1103 bp
Locus ID:	76816
Cytogenetics:	1 H4



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Gene Summary:

Plays a role in the establishment of cell polarity and epithelial lumen formation (PubMed:20835237). Plays also an essential role in ciliogenesis and subsequent Hedgehog signaling pathway that requires the presence of intact primary cilia for pathway activation. Mechanistically, interacts with and mediates RABEP2 centrosomal localization which is critical for ciliogenesis (PubMed:27224062).[UniProtKB/Swiss-Prot Function]