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Product datasheet for RC228564L4V

DBC2 (RHOBTB2) (NM_001160037) Human Tagged ORF Clone Lentiviral Particle

Product data:

Product Type:	Lentiviral Particles
Product Name:	DBC2 (RHOBTB2) (NM_001160037) Human Tagged ORF Clone Lentiviral Particle
Symbol:	DBC2
Synonyms:	DBC2; DEE64; EIEE64; p83
Mammalian Cell Selection:	Puromycin
Vector:	pLenti-C-mGFP-P2A-Puro (PS100093)
Tag:	mGFP
ACCN:	NM_001160037
ORF Size:	2202 bp
ORF Nucleotide Sequence:	The ORF insert of this clone is exactly the same as(RC228564).
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:	NM_001160037.1
RefSeq ORF:	2205 bp
Locus ID:	23221
UniProt ID:	Q9BYZ6
Cytogenetics:	8p21.3
Protein Pathways:	Ubiquitin mediated proteolysis
MW:	83.3 kDa

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Gene Summary: The protein encoded by this gene is a small Rho GTPase and a candidate tumor suppressor. The encoded protein interacts with the cullin-3 protein, a ubiquitin E3 ligase necessary for mitotic cell division. This protein inhibits the growth and spread of some types of breast cancer. Three transcript variants encoding different isoforms have been found for this gene. [provided by RefSeq, Nov 2011]