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Product datasheet for RC215557L1V

DACT1 (NM_001079520) Human Tagged ORF Clone Lentiviral Particle

Product data:

Product Type:	Lentiviral Particles
Product Name:	DACT1 (NM_001079520) Human Tagged ORF Clone Lentiviral Particle
Symbol:	DACT1
Synonyms:	DAPPER; DAPPER1; DPR1; FRODO; HDPR1; TBS2; THYEX3
Mammalian Cell Selection:	None
Vector:	pLenti-C-Myc-DDK (PS100064)
Tag:	Myc-DDK
ACCN:	NM_001079520
ORF Size:	2397 bp
ORF Nucleotide Sequence:	The ORF insert of this clone is exactly the same as(RC215557).
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_001079520.1
RefSeq Size:	3766 bp
RefSeq ORF:	2400 bp
Locus ID:	51339
UniProt ID:	Q9NYF0
Cytogenetics:	14q23.1
MW:	86.2 kDa

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Gene Summary: The protein encoded by this gene belongs to the dapper family, characterized by the presence of PDZ-binding motif at the C-terminus. It interacts with, and positively regulates dishevelled-mediated signaling pathways during development. Depletion of this mRNA from xenopus embryos resulted in loss of notochord and head structures, and mice lacking this gene died shortly after birth from severe posterior malformations. Alternatively spliced transcript variants have been found for this gene. [provided by RefSeq, Jan 2012]