

Product datasheet for SC335900

DACT3 (NM_001301046) Human Untagged Clone

Product data:

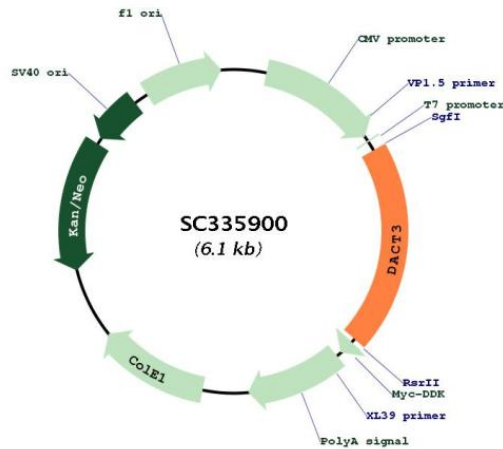
Product Type:	Expression Plasmids
Product Name:	DACT3 (NM_001301046) Human Untagged Clone
Tag:	Tag Free
Symbol:	DACT3
Synonyms:	DAPPER3; RRR1
Mammalian Cell Selection:	Neomycin
Vector:	pCMV6-Entry (PS100001)
E. coli Selection:	Kanamycin (25 ug/mL)
Fully Sequenced ORF:	>SC335900 representing NM_001301046. Blue=Insert sequence Red=Cloning site Green=Tag(s)

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GCTCGTTTGTAGTAACCGTCAGAATTTTGTAAATACGACTACTATAGGGCGGCCGGGAATTCGTGACTG
GATCCGGTACCGAGGAGATCTGCCGCCGCGATCGCC
ATGCGCAGCCCGCGGCCCTGCGGCCGCCCTCCACCGACTCGCCGACGCGGGGGGCGCAGGGCGGCC
CTGAGCGCTACATCTCGCGCTCCTGCGCAGGCGCCGCCCGCGGGGGCGGGCCAGCCCGGACCAGT
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TCCCCCGCAGCGCGGACCCCGCGGGAGCCCTCGTTGAGCGCGTGGGGGCCACCCACCAGCCCT
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CGGCCACGCCCGGCCAGCGCCACGCTGGCGGCCAGGCCGAGGGTCTGCCGTGCTGGCGCTCC
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GGTGGCCTCGTGTGGCCGAGCAGCTGGTGGCGGCCACCGCGCCCTCGGGGTGGAGCAGGTGCAGGG
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CGTTTCCGTTCCGGTTCTCTCAAGGTCATGACTACAGTGTGA
AGCGGACCGACGCTACGCGGCCGCTCGAGCAGAACTCATCTCAGAAGAGGATCTGGCAGCAAATGAT
ATCCTGGATTACAAGGATGACGACGATAAGGTTTAA
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Restriction Sites: SgfI-RsrII



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Plasmid Map:


ACCN: NM_001301046

Insert Size: 1215 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).

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_001301046.1](#)

RefSeq Size: 2581 bp

RefSeq ORF: 1215 bp

Locus ID: 147906

UniProt ID: [Q96B18](#)

Cytogenetics: 19q13.32

MW: 41.5 kDa

Gene Summary:

May be involved in regulation of intracellular signaling pathways during development. Specifically thought to play a role in canonical and/or non-canonical Wnt signaling pathways through interaction with DSH (Dishevelled) family proteins.[UniProtKB/Swiss-Prot Function]

Transcript Variant: This variant (2) differs in the 5' UTR, lacks a portion of the coding region and initiates translation at a downstream start codon, compared to variant 1. It encodes isoform 2, which is shorter at the N-terminus, compared to isoform 1.