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Product datasheet for SC207098

DACT2 (NM_214462) Human 3' UTR Clone

Product data:

Product Type:	3' UTR Clones
Symbol:	DACT2
Synonyms:	bA503C24.7; C6orf116; DAPPER2; DPR2
Mammalian Cell Selection:	Neomycin
Vector:	pMirTarget (PS100062)
ACCN:	NM_214462
Insert Size:	558 bp

Insert Sequence:

>SC207098 3'UTR clone of NM_214462
The sequence shown below is from the reference sequence of NM_214462. The complete sequence of this clone may contain minor differences, such as SNPs.
Blue=Stop Codon Red=Cloning site

GGCAAGTTGGACGCCCGCAAGATCCGCGAGATTCTCATTAAGGCCAAGAAGGGCGGAAAGATCGCCGTG
TAACAATTGGCAGAGCTCAGAATTCAAGCGATCGCC
ACGGCCCTGAAGGTCATGACCATGGTGTGAGGTGCAGTGACTGCGTCAAGAGAAGCCTGCTGCACACAG
GGGCCCTTTCCATGCAGTGTCCTGTGCATGTCTGGGTTTCAGTGTCGTCTTGCCAAGTCGCTTTATCTT
CCGAGGCCACCGTTTAACAGGAGTCCCCGCAGATGGGTTCTGCCCTGTGGAGTATGGCCGTGAGTCCCC
GCCCCAGCAAAGACTTCCATGCGGAGCTCTGGTTTCAGATGCCAGCAGCCTCCCCGGCCGACCTAGTGT
CTCTTTTCAAGGTCTGCCCAGGATGCTGCTTCCCGGCATGCACCTTGTTTCCATGTTGTCATCCTCCCA
TGGCTTCCCCTGCCCTCACTCCCCTCTGGCTGGGGAAGTGTTTCCCAATCCTTTGACCATTCCTCCCCA
AAAGCATTTTAAAGAGGCGGTTGCAGGACTCTGAGCTGGAAATTGAATTTGAGTTTAAACTCCACGTTA
AGCTGTCAGCATACACAAACACCCAAATTATGCCATGATCTCAAATAAAAGGAACATTTTTTTTCCCTC
TTTTAA
ACGCGTAAGCGGCCGCGGCATCTAGATTCGAAGAAAATGACCGACCAAGCGACGCCCAACCTGCCATCA
CGAGATTTCGATTCCACCGCCGCCTTCTATGAAAGG

Restriction Sites: SgfI-MluI

OTI Disclaimer: Our molecular clone sequence data has been matched to the sequence identifier above as a point of reference. Note that the complete sequence of this clone is largely the same as the reference sequence but may contain minor differences , e.g., single nucleotide polymorphisms (SNPs).

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Components: The cDNA clone is shipped in a 2-D bar-coded Matrix tube as 10 ug dried plasmid DNA. The package also includes 100 pmols of both the corresponding 5' and 3' vector primers in separate vials.

Note: Plasmids are not sterile. For experiments where strict sterility is required, filtration with 0.22um filter is required.

RefSeq: NM_214462.5

Summary: Involved in regulation of intracellular signaling pathways during development. Negatively regulates the Nodal signaling pathway, possibly by promoting the lysosomal degradation of Nodal receptors, such as TGFBR1. May be involved in control of the morphogenetic behavior of kidney ureteric bud cells by keeping cells epithelial and restraining their mesenchymal character. May play an inhibitory role in the re-epithelialization of skin wounds by attenuating TGF-beta signaling (By similarity).[UniProtKB/Swiss-Prot Function]

Locus ID: 168002

MW: 20.5