

Product datasheet for SC327893

DACH1 (NM_004392) Human Untagged Clone

Product data:

Product Type: Expression Plasmids

Product Name: DACH1 (NM_004392) Human Untagged Clone

Tag: Tag Free

Symbol: DACH1

Synonyms: DACH

Mammalian Cell None

Selection:

Vector: pCMV6-XL5

E. coli Selection: Ampicillin (100 ug/mL)

OriGene Technologies, Inc.

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Fully Sequenced ORF:

>NCBI ORF sequence for NM_004392, the custom clone sequence may differ by one or more nucleotides

ATGGCAGTGCCGGCGGCTTTGATCCCTCCGACCCAGCTGGTCCCCCCTCAACCCCCAATC TCCACGTCTGCTTCCTCTGGCACCACCACCTCCACCTCTTCGGCGACTTCGTCTCCG GCTCCTTCCATCGGACCCCCGGCGTCCTCTGGGCCAACTCTGTTCCGCCCGGAGCCCATC GGCGGTGGCAGCAACTGCAACCCCAACCTGGCGGCCGAGCAACGGCAGCGGCGGCGGC GGCGGCGCATCAGCGCTGGCGGCGCGTCGCTTCCAGCACCCCCATCAACGCCAGCACC AGTAGCAGCAGCTGCGGCCCCCTCCCCGGGAAACCCGTGTACTCAACCCCGTCCCCA GTGGAAAACACCCCTCAGAATAATGAGTGCAAAATGGTGGATCTGAGGGGGGCCAAAGTG CTGAAGCACTTGGTGGGGGGCTTGCATACGGTCTACACCAAGCTGAAGCGGCTGGAGATC ACGCCGGTGGTGCAATGTGGAACAAGTTCGCATCCTGAGGGGACTGGGCCCATCCAG CCAGGAGTGAACCGCTGCAAACTCATCTCCAGGAAGGACTTCGAGACCCTCTACAATGAC TGCACCAACGCAAGTTCTAGACCTGGAAGGCCTCCTAAGAGGACTCAAAGTGTCACCTCC CCAGAGAACTCTCACATCATGCCGCATTCTGTCCCTGGTCTCATGTCTCCTGGGATAATT CCACCAACAGATGAGACCCCGCTTTCTACACCAACCGCAAGAGACAGCCTTGACAAACTC TCTCTAACTGGGCATGGACAACCACTGCCTCCAGGTTTTCCATCTCCTTTTCTGTTTCCT GATGGACTGTCTTCCATCGAGACTCTTCTGACTAACATACAGGGGCTGTTGAAAGTTGCC ATAGATAATGCCAGAGCTCAAGAGAAAACAGGTCCAACTGGAAAAAACTGAGCTGAAGATG GATTTTTTAAGGGAAAGAGAACTAAGGGAAACACTTGAGAAGCAGTTGGCTATGGAACAA AAGAATAGAGCCATAGTTCAAAAGAGGCTAAAGAAGAGAAGAAGAAAAGAGAAAAATTG CAGGAAGCACTTGAGTTTGAGACGAAACGGCGTGAACAAGCAGAACAGACGCTAAAACAG GCAGCTTCAACAGATAGTCTCAGGGTCTTAAATGACTCTCTGACCCCAGAGATAGAGGCT GACCGCAGTGGCGGCAGAACAGATGCTGAAAGGACAATACAAGATGGAAGACTGTATTTG AAAACTACTGTCATGTAC

Restriction Sites: Please inquire ACCN: NM_004392

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).

OTI Annotation: This TrueClone is provided through our Custom Cloning Process that includes sub-cloning

into OriGene's pCMV6 vector and full sequencing to provide a non-variant match to the expected reference without frameshifts, and is delivered as lyophilized plasmid DNA.

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: <u>NM 004392.5</u>, <u>NP 004383.3</u>

RefSeq Size: 4640 bp
RefSeq ORF: 1521 bp
Locus ID: 1602
UniProt ID: Q9UI36
Cytogenetics: 13q21.33
Domains: Ski Sno

Protein Families: Transcription Factors

Gene Summary: This gene encodes a chromatin-associated protein that associates with other DNA-binding

transcription factors to regulate gene expression and cell fate determination during development. The protein contains a Ski domain that is highly conserved from Drosophila to human. Expression of this gene is lost in some forms of metastatic cancer, and is correlated with poor prognosis. Multiple transcript variants encoding different isoforms have been

found for this gene. [provided by RefSeq, Sep 2009]

Transcript Variant: This variant (3) lacks four consecutive coding exons but maintains the same reading frame, compared to variant 1. The resulting isoform (c) is shorter than isoform a. Sequence Note: The RefSeq transcript and protein were derived from transcript and genomic sequence because a full-length transcript was not available for this variant. The genomic coordinates used for the transcript record were based on RT-PCR data reported in

PMID:11543628.