

## Product datasheet for **SC313997**

### **DACH1 (NM\_080760) Human Untagged Clone**

#### **Product data:**

|                           |  |
|---------------------------|--|
| Product Type:             | Expression Plasmids                    |
| Product Name:             | DACH1 (NM_080760) Human Untagged Clone |
| Tag:                      | Tag Free                               |
| Symbol:                   | DACH1                                  |
| Synonyms:                 | DACH                                   |
| Mammalian Cell Selection: | None                                   |
| Vector:                   | <u><a href="#">pCMV6-XL5</a></u>       |
| E. coli Selection:        | Ampicillin (100 ug/mL)                 |



[View online »](#)

**Fully Sequenced ORF:** >OriGene ORF within SC313997 sequence for NM\_080760 edited (data generated by NextGen Sequencing)

```

ATGGCAGTGCCGGCGGCTTTGATCCCTCCGACCCAGCTGGTCCCCCTCAACCCCAATCTCCACGCTCG
CTTCTCTCTGGCACCACCACCTCCACCTCTTCGGCGACTTCGTCTCCGGCTCCTTCCATCGGACCCCC
GGCGTCTCTGGGCAACTCTGTTCCGCCCGAGCCCATCGCTTCGGCGGCGGCGGCGGCCACAGTC
ACCTCTACCGGGCGGCGGCGGCGGCGGCGGCGGCGGCGGCGGCGGCGGCGGCGGCGGCGGCGGCGG
GCGGTGGCGGCGGCGGCGGCGGCGGCGGCGGCGGCGGCGGCGGCGGCGGCGGCGGCGGCGGCGGCGG
CGGCGGCGGCGGCGGCGGCGGCGGCGGCGGCGGCGGCGGCGGCGGCGGCGGCGGCGGCGGCGGCGG
AGCAGCAGCAGCAGTAGCAGCAGCAGCAGCAGCAGCAGTAGTAGCAGCAGCAGCAGTAGCAGCAGCAGT
GCGGCCCTCCCGGAAACCCGTGACTCAACCCCGTCCCGAGTGAAACACCCCTCAGAATAATGA
GTGCAAAATGGTGGATCTGAGGGGGCCAAAGTGGTTTCTTACGGTGGAGGGTGCAGCTGATCTGC
CTGCCCCAGGCTTTCGACCTGTTCTGAAGCACTTGGTGGGGGGCTTGCATACGGTCTACACCAAGCTGA
AGCGGCTGGAGATCACGCCGGTGGTGTCAATGTGGAACAAGTTCGCATCCTGAGGGGACTGGGCGCCAT
CCAGCCAGGAGTGAACCGCTGAAACTCATCTCCAGGAAGGACTTCGAGACCCTTACAATGACTGCACC
AACGCAAGTTCTAGACCTGGAAGGCTCCTAAGAGGACTCAAAGTGTACCTCCCCAGAGAATCTCACA
TCATGCCGCAATTGTCCCTGGTCTCATGTCTCCTGGGATAATCCACCAACAGGTCTGACAGCAGCCGC
TGCAGCAGCTGCTGCTACCAATGCAGCTATTGCTGAAGCAATGAAGGTGAAAAAATCAAATTAGAA
GCCATGAGCAACTATCATGCCAGTAATAACCAACATGGAGCAGACTCTGAAAACGGGGACATTTTTTTAA
TTTTAGTTGTTACACCGAGTTCTACACCAACCGCAAGAGACAGCCTTGACAACTCTCTCTAACTGGGCA
TGGACAACCACTGCCTCCAGGTTTTCCATCTCCTTTTCTGTTTCTGATGGACTGTCTCCATCGAGACT
CTTCTGACTAACATACAGGGGCTGTTGAAAGTTGCCATAGATAATGCCAGAGCTCAAGAGAAACAGGTCC
AACTGGAAAAAACTGAGCTGAAGATGGATTTTTAAGGGAAAGAGAACTAAGGGAAACACTTGAGAAGCA
GTTGGCTATGGAACAAAAGAATAGAGCCATAGTTCAAAGAGGCTAAAGAAGGAGAAGAAGGCAAAGAGA
AAATTGCAGGAAGCACTTGAGTTTGAGACGAAACGGCGTGAACAAGCAGAACAGACGCTAAAAACGGCAG
CTTCAACAGATAGTCTCAGGGTCTTAAATGACTCTCTGACCCAGAGATAGAGGCTGACCGCAGTGGCGG
CAGAACAGATGCTGAAAGGACAATAAAGATGGAAGACTGATTTGAAACTACTGTCATGTACTGA
    
```

Clone variation with respect to NM\_080760.5  
 596:t=>c 1113:t=>g 1114:t=>a 1115:t=>a 1118:t=>c 1121:t=>g 1123:t=>g 1125:a=>c  
 1127:t=>a 1130:t=>a 1131:t=>g 1134:a=>c 1138:a=>c 1139:g=>t

- Restriction Sites:** Please inquire
- ACCN:** NM\_080760
- Insert Size:** 2000 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).
- OTI Annotation:** The open reading frame of this clone has been fully sequenced and found one SNP within the protein associated with this reference, NM\_080760.3.
- 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\\_080760.3](#), [NP\\_542938.1](#)

**RefSeq Size:** 4796 bp

**RefSeq ORF:** 1677 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 (2) lacks three consecutive coding exons but maintains the same reading frame, compared to variant 1. The resulting isoform (b) 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.