

# Recombinant Full Length Human DACH1 Protein, GST-tagged

**Cat. No.** DACH1-2311HF    **Lot. No.** (See product label)

## SPECIFICATION

|                         |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  |
|-------------------------|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| <b>Product Overview</b> | Human DACH1 full-length ORF ( AAI66617.1, 1 a.a. - 558 a.a.) recombinant protein with GST-tag at N-terminal.                                                                                                                                                                                                                                                                                                                                                                                                     |
| <b>Species</b>          | Human                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            |
| <b>Source</b>           | In Vitro Cell Free System                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        |
| <b>ProteinLength</b>    | 558 amino acids                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  |
| <b>Description</b>      | 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] |
| <b>Molecular Mass</b>   | 61.4 kDa                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         |
| <b>AA Sequence</b>      | MAVPAALIPPTQLVPPQPPISTSASSSGTTTSTSSATSSPAPSIGPPASSGPTLFRPE<br>PIASAAAAAATVTSTGGGGGGGGSGGGGGSSGNNGGGGGGGGGGSSNCNPNLAAA<br>SNGSGGGGGGGISAGGGVASSTPINASTGSSSSSSSSSSSSSSSSSSSSSSSSSCGPL<br>PGKPVYSTPSPVENTPQNNECKMVDLRGAKVASFTVEGCELICLPQAFDLFLKHLVG<br>GLHTVYTKLRLEITPVVCNVEQVRILRGLGAIQPGVNRCKLISRKDFETLYNDCTNA<br>SSRPGRPPKRTQSVTSPENSHIMPHSVPGLMSPGIIPPTGLTAAAAAAAATNAAIAE<br>AMKVKKIKLEAMSNYHASNNQHGADENGDMNSSVDETPLSTPTARDSLKLSTLG                                                                             |

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HGQPLPPGFSPFLFPDGLSSIETLLTNIQGLLKVAIDNARAQEKQVQLEKTELKMDF  
LRERELRETLEKQLAMEQKNRAIVQKRLKKEKKAKRKLQEALFETKRREQAEQTLK  
QAASTDLSRLVNLDSLTPETIEADRSGGRTDAERTIQDGRLYLKTTVMY

**Applications**

Enzyme-linked Immunoabsorbent Assay  
Western Blot (Recombinant protein)  
Antibody Production  
Protein Array

**Notes**

Best use within three months from the date of receipt of this protein.

**Storage**

Store at -80 centigrade. Aliquot to avoid repeated freezing and thawing.

**Storage Buffer**

50 mM Tris-HCl, 10 mM reduced Glutathione, pH=8.0 in the elution buffer.

## GENE INFORMATION

**Gene Name**

**DACH1** dachshund homolog 1 (Drosophila) [ Homo sapiens ]

**Official Symbol**

**DACH1**

**Synonyms**

DACH1; dachshund homolog 1 (Drosophila); DACH, dachshund homolog (Drosophila); dachshund homolog 1; DACH; FLJ10138;

**Gene ID**

**1602**

**mRNA Refseq**

**NM\_004392**

**Protein Refseq**

**NP\_004383**

**MIM**

**603803**

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UniProt ID

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