

Recombinant Human DACH1

Cat. No. DACH1-27091TH **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Recombinant fragment corresponding to amino acids 596-704 of Human DACH1 with N terminal proprietary tag; Predicted MWt 37.62 kDa inclusive of tag.
Species	Human
Source	Wheat Germ
ProteinLength	109 amino acids
Description	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.
Molecular Weight	37.620kDa inclusive of tags
Tissue specificity	Widely expressed. Isoform 2 is found in brain, heart, kidney, liver, leukocytes and spleen. Isoform 3 is found in liver and heart. Isoform 4 is found in spleen.
Form	Liquid
Purity	Proprietary Purification

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Storage buffer	pH: 8.00Constituents:0.3% Glutathione, 0.79% Tris HCl
Storage	Shipped on dry ice. Upon delivery aliquot and store at -80oC. Avoid freeze / thaw cycles.
Sequences of amino acids	TELKMDFLRERELRETLEKQLAMEQKNRAIVQKRLKKEKK AKRKLQEALFETKRR EQAEQTLKQAASTDSLRLVNDLSLT PEIEADRSGGRTDAERTIQDGRLYLKTTV
Sequence Similarities	Belongs to the DACH/dachshund family.

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;
Gene ID	1602
mRNA Refseq	NM_004392
Protein Refseq	NP_004383
MIM	603803
Uniprot ID	Q9UI36
Chromosome Location	13q22

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Function

DNA binding; nucleotide binding; protein binding;

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