

Recombinant Human DACH2, His-tagged

Cat. No. DACH2-11816H **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Recombinant Human DACH2 protein, fused to His-tag, was expressed in E.coli and purified by Ni-sepharose.
Species	Human
Source	E.coli
ProteinLength	184-313a.a.
Description	This gene is one of two genes which encode a protein similar to the Drosophila protein dachshund, a transcription factor involved in cell fate determination in the eye, limb and genital disc of the fly. The encoded protein contains two characteristic dachshund domains: an N-terminal domain responsible for DNA binding and a C-terminal domain responsible for protein-protein interactions. This gene is located on the X chromosome and is subject to inactivation by DNA methylation. The encoded protein may be involved in regulation of organogenesis and myogenesis, and may play a role in premature ovarian failure. Multiple transcript variants encoding different isoforms have been found for this gene.
Storage	The protein is stored in PBS buffer at -20°C. Avoid repeated freezing and thawing cycles.
Storage Buffer	1M PBS (58mM Na ₂ HPO ₄ , 17mM NaH ₂ PO ₄ , 68mM NaCl, pH8.) added with 300mM Imidazole and 0.7% Sarcosyl, 15%glycerol.

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GENE INFORMATION

Gene Name	DACH2 dachshund homolog 2 (Drosophila) [Homo sapiens]
Official Symbol	DACH2
Synonyms	DACH2; dachshund homolog 2 (Drosophila); dachshund homolog 2; FLJ31391; MGC138545;
Gene ID	117154
mRNA Refseq	NM_001139514
Protein Refseq	NP_001132986
MIM	300608
UniProt ID	Q96NX9
Chromosome Location	Xq21.3
Function	DNA binding; nucleotide binding;

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