



# Recombinant Human Dachshund homolog 2 (DACH2)

<b>Product Code</b>	CSB-EP839385HU-B
<b>Abbreviation</b>	DACH2
<b>Storage</b>	The shelf life is related to many factors, storage state, buffer ingredients, storage temperature and the stability of the protein itself. Generally, the shelf life of liquid form is 6 months at -20°C/-80°C. The shelf life of lyophilized form is 12 months at -20°C/-80°C.
<b>Uniprot No.</b>	Q96NX9
<b>Product Type</b>	Recombinant Protein
<b>Immunogen Species</b>	Homo sapiens (Human)
<b>Purity</b>	>85% (SDS-PAGE)
<b>Sequence</b>	MAVSASPVIS ATSSGAGVPG GLFRAEPLYS TPREPPRLTP NMINSFVNN HSNSAGGGGR GNTNTNECRM VDMHGMKVAS FLMDGQELIC LPQVFDLFLK HLVGGLHTVY TKLKRLDISP VVCTVEQVRI LRGLGAIQPG VNRCKLITRK DFETLFTDCT NARRKRQMTR KQAVNSSRPG RPPKRSLGVL QENARLLTHA VPGLLSPGLI TPTGITAAAM AEAMKLQKMK LMAMNTLQGN GSQNGTESEP DDLNSNTGGS ESSWDKDKMQ SPFAAPGPQH GIAHAALAGQ PGIGGAPTLN PLQQNHLLTN RLDLPFMMMP HPLLVSLLPP ASVAMAMNQM NHLNTIANMA AAAQIHSPLS RAGTSVIKER IPESPSPAPS LEENHRPGSQ TSSHTSSSVS SSPSQMDHHL ERMEEVPVQI PIMKSPLDKI QLTPGQALPA GFPGPFIFAD SLSSVETLLT NIQGLLKVAL DNARIQEKQI QQEKELRLE LYREREIREN LERQLAVELQ SRTTMQKRLK KEKTKRKLQ EALFESKRR EQVEQALKQA TTSDSGLRML KDTGIPDIEI ENNGTPHDSA AMQGGNYYCL EMAQQLYSA
<b>Source</b>	E.coli
<b>Target Names</b>	DACH2
<b>Protein Names</b>	Recommended name: Dachshund homolog 2 Short name= Dach2
<b>Expression Region</b>	1-599
<b>Notes</b>	Repeated freezing and thawing is not recommended. Store working aliquots at 4°C for up to one week.
<b>Tag Info</b>	Tag type will be determined during the manufacturing process.
<b>Protein Length</b>	full length protein
<b>Target Details</b>	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.

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**Reconstitution**

We recommend that this vial be briefly centrifuged prior to opening to bring the contents to the bottom. Please reconstitute protein in deionized sterile water to a concentration of 0.1-1.0 mg/mL. We recommend to add 5-50% of glycerol (final concentration) and aliquot for long-term storage at -20°C/-80°C. Our default final concentration of glycerol is 50%. Customers could use it as reference.

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**Shelf Life**

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