



# SZABO SCANDIC

Part of Europa Biosite

## Produktinformation



Forschungsprodukte & Biochemikalien



Zellkultur & Verbrauchsmaterial



Diagnostik & molekulare Diagnostik



Laborgeräte & Service

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See the following pages for more information!



### Lieferung & Zahlungsart

siehe unsere [Liefer- und Versandbedingungen](#)

### Zuschläge

- Mindermengenzuschlag
- Trockeneiszuschlag
- Gefahrgutzuschlag
- Expressversand

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## Datasheet

### DHH (Human) Recombinant Protein

**Catalog Number:** P9137

**Regulation Status:** For research use only (RUO)

**Product Description:** Human DHH recombinant protein expressed in *Escherichia coli*.

**Sequence:**

IIGPGRGPVGRRRYARKQLVPLLYKQFVPGVPERTLG  
ASGPAEGRVARGSERFRDLVPNYNPDIIFKDEENSGA  
DRLMTERCKERVNALAIAMNMWPGVRLRVTEGWDE  
DGHHAQDSLHYEGRALDITTSRDRNKYGLLARLAVE  
AGFDWVYYESRNHVHVSVKADNSLAVRAGG

**Host:** *Escherichia coli*

**Theoretical MW (kDa):** 19.9

**Protocols:** See our web site at <http://www.abnova.com/support/protocols.asp> or product page for detailed protocols

**Form:** Lyophilized

**Preparation Method:** *Escherichia coli* expression system

**Purification:** chromatographic

**Purity:** > 95% as determined by (a) RP-HPLC.(b) SDS-PAGE.

**Activity:** ED<sub>50</sub> is 15-45 ug/mL, Measured by the induction of alkaline phosphatase production by C3H/10T1/2 (CCL-226) cells.

**Isotype:** *Escherichia Coli*.

**Storage Buffer:** Lyophilized from a solution containing 1X PBS, pH 7.4. Reconstitute the lyophilized powder in ddH<sub>2</sub>O to 100 ug/mL.

**Storage Instruction:** Lyophilized protein at room temperature for 3 weeks, should be stored at -20°C. Protein aliquots at 4°C for 2-7 days and should be stored at -20°C to -80°C. For long term storage it is recommended to add a carrier protein (0.1% HSA or BSA).

Avoid repeated freeze/thaw cycles.

**Entrez GeneID:** 50846

**Gene Symbol:** DHH

**Gene Alias:** HHG-3, MGC35145

**Gene Summary:** This gene encodes a member of the Hedgehog family. The hedgehog gene family encodes signaling molecules that play an important role in regulating morphogenesis. This protein is predicted to be made as a precursor that is autocatalytically cleaved; the N-terminal portion is soluble and contains the signalling activity while the C-terminal portion is involved in precursor processing. More importantly, the C-terminal product covalently attaches a cholesterol moiety to the N-terminal product, restricting the N-terminal product to the cell surface and preventing it from freely diffusing throughout the organism. Defects in this protein have been associated with partial gonadal dysgenesis (PGD) accompanied by minifascicular polyneuropathy. This protein may be involved in both male gonadal differentiation and perineurial development. [provided by RefSeq]