



# SZABO SCANDIC

Part of Europa Biosite

## Produktinformation



Forschungsprodukte & Biochemikalien



Zellkultur & Verbrauchsmaterial



Diagnostik & molekulare Diagnostik



Laborgeräte & Service

Weitere Information auf den folgenden Seiten!  
See the following pages for more information!



### Lieferung & Zahlungsart

siehe unsere [Liefer- und Versandbedingungen](#)

### Zuschläge

- Mindermengenzuschlag
- Trockeneiszuschlag
- Gefahrgutzuschlag
- Expressversand

### SZABO-SCANDIC HandelsgmbH

Quellenstraße 110, A-1100 Wien

T. +43(0)1 489 3961-0

F. +43(0)1 489 3961-7

[mail@szabo-scandic.com](mailto:mail@szabo-scandic.com)

[www.szabo-scandic.com](http://www.szabo-scandic.com)

[linkedin.com/company/szaboscandic](https://www.linkedin.com/company/szaboscandic) 

## Datasheet

### DHH (Human) Recombinant Protein

**Catalog Number:** P9136

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

**Product Description:** Human DHH partial recombinant protein with His tag in N-terminus expressed in *Escherichia coli*.

**Sequence:**

MGSSHHHHHSSGLVPRGSHMCGPGRGPVGRRYA  
RKQLVPLLYKQFVPGVPERTLGASGPAEGRVARGSER  
FRDLVPNYNPDIIFKDEENSGADRLMTERCKERNALA  
IAVMNMWPGVRLRVTEGWDEEDGHHAQDSLHYEGRA  
LDITTSDRDRNKYGLLARLAVEAGFDWVYYESRNHVH  
VSVKADNSLAVRAGG

**Host:** *Escherichia coli*

**Theoretical MW (kDa):** 22

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

**Form:** Liquid

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

**Purity:** > 95% as determined by SDS-PAGE.

**Isotype:** *Escherichia Coli*.

**Storage Buffer:** Solution containing 20 mM MES ,pH 5.5, 20% glycerol, 0.5 mM DTT.

**Storage Instruction:** Store at 4°C for 2-4 weeks 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]