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Lieferung & Zahlungsart

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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

www.szabo-scandic.com

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

Datasheet

DHH (Human) Recombinant Protein

Catalog Number: P9138

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:

MGSSHHHHHHSSGLVPRGSHMGSMIIGPGRGPVGRR
RYARKQLVPLLYKQFVPGVPERTLGASGPAEGRVARG
SERFRDLVPNYNPDIIKFDEENSGADRLMTERCKERV
NALAIVMNMWPGVRLRVTEGWDEEDGHHAQDSLHYE
GRALDITSDRDRNKYGLLARLAVEAGFDWVYYESRN
HVHVSVKADNSLAVRAGG

Host: *Escherichia coli*

Theoretical MW (kDa): 22.4

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

Purification: chromatographic

Purity: > 90% as determined by SDS-PAGE.

Isotype: *Escherichia Coli*.

Storage Buffer: Solution (0.25 mg/mL) containing 20 mM Tris-HCl, pH 7.5, 10% glycerol, 0.15 mM NaCl, 1 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]