



# 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

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## Datasheet

### HOXD10 (Human) Recombinant Protein (P01)

**Catalog Number:** H00003236-P01

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

**Product Description:** Human HOXD10 full-length ORF ( NP\_002139.2, 1 a.a. - 340 a.a.) recombinant protein with GST-tag at N-terminal.

**Sequence:**

MSFPNSSPAANTFLVDSLISACRSDSFYSSSASMYMP  
PPSADMGTYGMQTCGLLPSLAKREVNHQNMGMNVH  
PYIPQVDSWTDPNRSCRIEQPVTTQVPTCSFTTNIKEE  
SNCCMYSDKRNKLISAEVPSYQRLVPESCPVENPEVP  
VPGYFRLSQTYATGKTQEYNNSEPGSSTVMLQLNPR  
GAAKPQLSAAQLQMEKKMNEPVSGQEPTKVSQVESP  
EAKGGLPEERSCLAEVSVSSPEVQEKEKESKEEIKSDTPT  
SNWLTAKSGRKKRCPYTKHQTLLEKEFLFNMYLTRE  
RRLEISKSVNLTDRQVKIWFQNRRLKMLKMSRENIR  
ELTANLTFS

**Host:** Wheat Germ (in vitro)

**Theoretical MW (kDa):** 64.8

**Interspecies Antigen Sequence:** Mouse (99); Rat (99)

**Applications:** AP, Array, ELISA, WB-Re  
(See our web site product page for detailed applications information)

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

**Preparation Method:** [in vitro wheat germ expression system](#)

**Purification:** Glutathione Sepharose 4 Fast Flow

**Storage Buffer:** 50 mM Tris-HCl, 10 mM reduced Glutathione, pH=8.0 in the elution buffer.

**Storage Instruction:** Store at -80°C. Aliquot to avoid repeated freezing and thawing.

**Entrez GeneID:** 3236

**Gene Symbol:** HOXD10

**Gene Alias:** HOX4, HOX4D, HOX4E, Hox-4.4

**Gene Summary:** This gene is a member of the Abd-B homeobox family and encodes a protein with a homeobox DNA-binding domain. It is included in a cluster of homeobox D genes located on chromosome 2. The encoded nuclear protein functions as a sequence-specific transcription factor that is expressed in the developing limb buds and is involved in differentiation and limb development. Mutations in this gene have been associated with Wilm's tumor and congenital vertical talus (also known as "rocker-bottom foot" deformity or congenital convex pes valgus) and/or a foot deformity resembling that seen in Charcot-Marie-Tooth disease. [provided by RefSeq]