



# SZABO SCANDIC

Part of Europa Biosite

## Produktinformation



Forschungsprodukte & Biochemikalien



Zellkultur & Verbrauchsmaterial



Diagnostik & molekulare Diagnostik



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### Lieferung & Zahlungsart

siehe unsere [Liefer- und Versandbedingungen](#)

### Zuschläge

- Mindermengenzuschlag
- Trockeneiszuschlag
- Gefahrgutzuschlag
- Expressversand

### SZABO-SCANDIC HandelsgmbH

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## Datasheet

### DYNC1H1 (Human) Recombinant Protein (P01)

**Catalog Number:** H00001778-P01

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

**Product Description:** Human DYNC1H1 full-length ORF ( AAH64521.1, 1 a.a. - 197 a.a.) recombinant protein with GST-tag at N-terminal.

**Sequence:**

MISKMLKMQMLEDEDDLAYAEKTRTDSTSDGRPA  
WMRTLHTTASNWLHLIPQTLSHLKRTVENIKDPLFRFF  
EREVKMGAKLLQDVRQDLADVQVCEGKKKQTNLYR  
TLINELVKGILPRWSHYTVPAGMTVIQWVSDFSERIK  
QLQNISLAAASGGAKELKVKALLTSLGWSAAVLGWGG  
SGSGEKHRAQV

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

**Theoretical MW (kDa):** 48.6

**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:** 1778

**Gene Symbol:** DYNC1H1

**Gene Alias:** DHC1, DHC1a, DKFZp686P2245, DNCH1, DNCL, DNECL, DYHC, Dnchc1, HL-3, KIAA0325, p22

**Gene Summary:** Dyneins are a group of microtubule-

activated ATPases that function as molecular motors. They are divided into two subgroups of axonemal and cytoplasmic dyneins. The cytoplasmic dyneins function in intracellular motility, including retrograde axonal transport, protein sorting, organelle movement, and spindle dynamics. Molecules of conventional cytoplasmic dynein are comprised of 2 heavy chain polypeptides and a number of intermediate and light chains. This gene encodes a member of the cytoplasmic dynein heavy chain family. [provided by RefSeq]