



# 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

### CDH1 (Human) Recombinant Protein

**Catalog Number:** P9364

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

**Product Description:** Human CDH1 partial recombinant protein with His tag in C-terminus expressed in *Escherichia coli*.

**Sequence:**

DWVIPPISCPENEKGFPPKLNLVQIKSNKDKEGKVFYSIT  
GQGADTPPVGVFIIERETGWLKVTEPLDRERIATYTLF  
SHAVSSNGNAVEDPMEILITVTDQNDNKPEFTQEVFK  
GSVMEGALPGTSMVEVTATDADDDVNTYNAAIYTILS  
QDPELPDKNMFTINRNTGVISVTTGLDRESFPTYTLV  
VQAADLQGEGLSTTATAVITVTDNDNPPIFNPTTYKG  
QVPENEANVVITTLKVTADAPNTPAWEAVYILNDDG  
GQFVVTTNPVNNDGILKTAKGLDFEAKQQYILHVAVTN  
VVPFEVSLTTSTATVTDVLDVNEAPIFVPEKRVEVS  
EDFGVGQEITSYTAQEPDTFMEQKITYRIWRDTANWL  
EINPDTGAISTRAELDREDFEHVKNSTYALIIATDNGS  
PVATGTGTLILLSDVNDNAPIPEPRTIFFCERNPKPQVI  
NIIDADLPPNTSPFTAELTHGASANWTIQYNDPTQESIIL  
KPKMALEVGDYKINLKLMDNQNKDQVTTLEVSVCDCCE  
GAAGVCRKAQPVEAGLQIHVVVVVV

**Host:** Human

**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

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

**Storage Buffer:** Lyophilized from a solution containing  
1XPBS, 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:** 999

**Gene Symbol:** CDH1

**Gene Alias:** Arc-1, CD324, CDHE, ECAD, LCAM, UVO

**Gene Summary:** This gene is a classical cadherin from the cadherin superfamily. The encoded protein is a calcium dependent cell-cell adhesion glycoprotein comprised of five extracellular cadherin repeats, a transmembrane region and a highly conserved cytoplasmic tail. Mutations in this gene are correlated with gastric, breast, colorectal, thyroid and ovarian cancer. Loss of function is thought to contribute to progression in cancer by increasing proliferation, invasion, and/or metastasis. The ectodomain of this protein mediates bacterial adhesion to mammalian cells and the cytoplasmic domain is required for internalization. Identified transcript variants arise from mutation at consensus splice sites. [provided by RefSeq]