



# 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:** P9363

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

**Product Description:** Human CDH1 partial recombinant protein expressed in *Escherichia coli*.

**Sequence:**

IFFCERNPKPQVINIIDADLPPNTSPFTAELTHGASANW  
TIQYNDPTQESIILKPKMALEVGDYKINLKLMDNQNKD  
QVTTLEVSVCDCGEAAGVCRKAQPVEAGLQI

**Host:** *Escherichia coli*

**Theoretical MW (kDa):** 38

**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

**Storage Buffer:** Solution (100 ug/mL) containing 50 mM  
Tris-HCl, pH 7.5, 10 mM L-glutathione (reduced).

**Storage Instruction:** Lyophilized protein should be  
stored at -20°C to -80°C can stable for 12 months.  
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]