



# 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

### CD9 (Human) Recombinant Protein (P02)

**Catalog Number:** H00000928-P02

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

**Product Description:** Human CD9 full-length ORF ( NP\_001760.1, 1 a.a. - 228 a.a.) recombinant protein with GST-tag at N-terminal.

**Sequence:**

```
MPVKGGTKCIKYLFLGFNFIFWLAGIAVLAIGLWLRFD  
QTKSIFEQETNNNNSSFYTGYYILIGAGALMMLVGLG  
CCGAVQESQCMLGLFFGFLLVIFAIEIAAAIWGYSHKDE  
VIKEVQEFYKDTYNKLTQKDEPQRETLKAIHYALNCCG  
LAGGVEQFISDICPKKDVLETFVTKSCPDAIKEVFDNKF  
HIIGAVGIGIAVVMIFGMIFSMILCCAIRRNREMV
```

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

**Theoretical MW (kDa):** 51.8

**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:** 928

**Gene Symbol:** CD9

**Gene Alias:** 5H9, BA2, BTCC-1, DRAP-27, GIG2, MIC3, MRP-1, P24, TSPAN29

**Gene Summary:** The protein encoded by this gene is a

member of the transmembrane 4 superfamily, also known as the tetraspanin family. Most of these members are cell-surface proteins that are characterized by the presence of four hydrophobic domains. The proteins mediate signal transduction events that play a role in the regulation of cell development, activation, growth and motility. This encoded protein is a cell surface glycoprotein that is known to complex with integrins and other transmembrane 4 superfamily proteins. It can modulate cell adhesion and migration and also trigger platelet activation and aggregation. In addition, the protein appears to promote muscle cell fusion and support myotube maintenance. [provided by RefSeq]