



# SZABO SCANDIC

Part of Europa Biosite

## Produktinformation



Forschungsprodukte & Biochemikalien



Zellkultur & Verbrauchsmaterial



Diagnostik & molekulare Diagnostik



Laborgeräte & Service

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### Lieferung & Zahlungsart

siehe unsere [Liefer- und Versandbedingungen](#)

### Zuschläge

- Mindermengenzuschlag
- Trockeneiszuschlag
- Gefahrgutzuschlag
- Expressversand

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## Datasheet

### CAV3 (Human) Recombinant Protein (Q01)

**Catalog Number:** H00000859-Q01

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

**Product Description:** Human CAV3 partial ORF ( NP\_001225, 1 a.a. - 83 a.a.) recombinant protein with GST-tag at N-terminal.

**Sequence:**

MMAEEHTDLEAQIVKDIHCKEIDLVNRDPKNINEDIVKV  
DFEDVIAEPVGTYSFDGVWKVSYTFTVSKYWCYRLL  
STLLGVP

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

**Theoretical MW (kDa):** 34.87

**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:** 859

**Gene Symbol:** CAV3

**Gene Alias:** LGMD1C, LQT9, MGC126100, MGC126101, MGC126129, VIP-21, VIP21

**Gene Summary:** This gene encodes a caveolin family member, which functions as a component of the caveolae plasma membranes found in most cell types. Caveolin proteins are proposed to be scaffolding

proteins for organizing and concentrating certain caveolin-interacting molecules. Mutations identified in this gene lead to interference with protein oligomerization or intra-cellular routing, disrupting caveolae formation and resulting in Limb-Girdle muscular dystrophy type-1C (LGMD-1C), hyperCKemia or rippling muscle disease (RMD). Alternative splicing has been identified for this locus, with inclusion or exclusion of a differentially spliced intron. In addition, transcripts utilize multiple polyA sites and contain two potential translation initiation sites. [provided by RefSeq]

**References:**

1. Overexpression of caveolin-1 in adult T-cell leukemia. Sawada S, Ishikawa C, Tanji H, Nakachi S, Senba M, Okudaira T, Uchihara JN, Taira N, Ohshiro K, Yamada Y, Tanaka Y, Uezato H, Ohshima K, Sasai K, Burgering BM, Duc Dodon M, Fujii M, Sunakawa H, Mori N. Blood. 2010 Mar 18;115(11):2220-30. Epub 2010 Jan 8.