



# SZABO SCANDIC

Part of Europa Biosite

## Produktinformation



Forschungsprodukte & Biochemikalien



Zellkultur & Verbrauchsmaterial



Diagnostik & molekulare Diagnostik



Laborgeräte & Service

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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

### VAMP2 (Human) Recombinant Protein

**Catalog Number:** P3392

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

**Product Description:** Human VAMP2 (NP\_055047, 1 a.a. - 89 a.a.) partial recombinant protein with His tag expressed in *Escherichia coli*.

**Sequence:**

MRGSHHHHHHGMASMTGGQQMGRDLYDDDDKDRW  
GSHMSATAATAPPAAPAGEGGPPAPPPNLTSNRRLQ  
QTQAQVDEVVDIMRVNVDKVLERDQKLSLDDRADAL  
QAGASQFETSAAKLKRKYW

**Host:** *Escherichia coli*

**Theoretical MW (kDa):** 13.8

**Applications:** SDS-PAGE

(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

**Form:** Liquid

**Preparation Method:** *Escherichia coli* expression system

**Purity:** > 95% by SDS-PAGE

**Storage Buffer:** In PBS, pH 7.4 (1 mM EDTA).

**Storage Instruction:** Store at 2°C to 8°C for 1 week.

For long term storage store at -20°C to -80°C.

Aliquot to avoid repeated freezing and thawing.

**Entrez GeneID:** 6844

**Gene Symbol:** VAMP2

**Gene Alias:** FLJ11460, SYB2, VAMP-2

**Gene Summary:** The protein encoded by this gene is a member of the vesicle-associated membrane protein

(VAMP)/synaptobrevin family. Synaptobrevins/VAMPs, syntaxins, and the 25-kD synaptosomal-associated protein SNAP25 are the main components of a protein complex involved in the docking and/or fusion of synaptic vesicles with the presynaptic membrane. This gene is thought to participate in neurotransmitter release at a step between docking and fusion. The protein forms a stable complex with syntaxin, synaptosomal-associated protein, 25 kD, and synaptotagmin. It also forms a distinct complex with synaptophysin. It is a likely candidate gene for familial infantile myasthenia (FIMG) because of its map location and because it encodes a synaptic vesicle protein of the type that has been implicated in the pathogenesis of FIMG. [provided by RefSeq]