

## Recombinant Rat VAMP2 Protein (2-94 aa), His-tagged

**Cat. No.** VAMP2-2420R    **Lot. No.** (See product label)

### SPECIFICATION

<b>Product Overview</b>	Recombinant Rat VAMP2 Protein (2-94 aa) is produced by E. coli expression system. This protein is fused with a 6xHis tag at the N-terminal. Research Area: Cancer. Protein Description: Partial.
<b>Species</b>	Rat
<b>Source</b>	E.coli
<b>ProteinLength</b>	2-94 aa
<b>Description</b>	Involved in the targeting and/or fusion of transport vesicles to their target membrane. Modulates the gating characteristics of the delayed rectifier voltage-dependent potassium channel KCNB1.
<b>Form</b>	Tris-based buffer,50% glycerol
<b>Molecular Mass</b>	14.1 kDa
<b>AA Sequence</b>	SATAATVPPAAPAGEGGPPAPPPNLTSNRRLQQTQAQVDEVVDIMRVNVDKVLERD QKLSELDDRADALQAGASQFETSAAKLRKYWWKNLK
<b>Purity</b>	> 85% as determined by SDS-PAGE.
<b>Notes</b>	Repeated freezing and thawing is not recommended. Store working aliquots at 4 centigrade for up to one week.

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**Storage** The shelf life is related to many factors, storage state, buffer ingredients, storage temperature and the stability of the protein itself. Generally, the shelf life of liquid form is 6 months at -20 centigrade/-80 centigrade. The shelf life of lyophilized form is 12 months at -20 centigrade/-80 centigrade.

**Concentration** A hardcopy of COA will be sent along with the products. Please refer to it for detailed information.

## GENE INFORMATION

**Gene Name** [Vamp2 vesicle-associated membrane protein 2 \[ Rattus norvegicus \]](#)

**Official Symbol** [VAMP2](#)

**Synonyms** VAMP2; vesicle-associated membrane protein 2; VAMP-2; synaptobrevin-2; SYB; Syb2; RATVAMPB; RATVAMPIR;

**Gene ID** [24803](#)

**mRNA Refseq** [NM\\_012663](#)

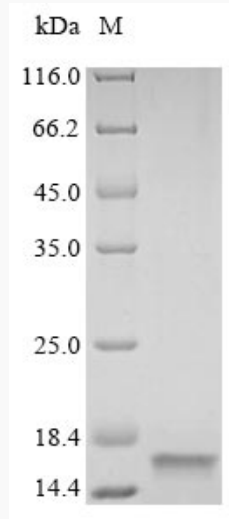
**Protein Refseq** [NP\\_036795](#)

**UniProt ID** [P63045](#)

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(Tris-Glycine gel) Discontinuous SDS-PAGE (reduced) with 5% enrichment gel and 15% separation gel.

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