

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

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

SPECIFICATION

Product Overview	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.
Species	Rat
Source	E.coli
ProteinLength	2-94 aa
Description	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.
Form	Tris-based buffer, 50% glycerol
Molecular Mass	14.1 kDa
AA Sequence	SATAATVPPAAPAGEGGPPAPPPNLTSNRRLQQTQAQVDEVVDIMRVNVDKVLERD QKLSELDADRADALQAGASQFETSAAKLKRKYWWKNLK
Purity	> 85% as determined by SDS-PAGE.
Notes	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](#)

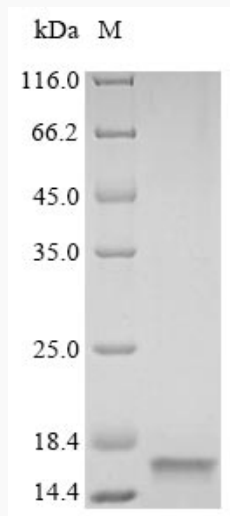
Protein Refseq [NP_036795](#)

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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