

Vesicle Associated Membrane Protein 2 (VAMP2) Recombinant Protein | VAMP2 recombinant protein

Recombinant Vesicle Associated Membrane Protein 2 (VAMP2)

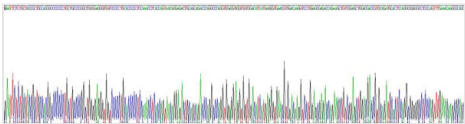
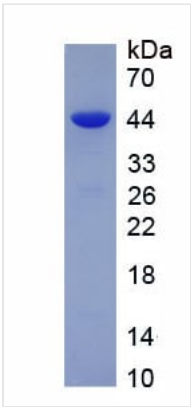
CATALOG # AAA150737	HOST E Coli	APPLICATIONS Western Blot, SDS-Page
-------------------------------	-----------------------	---

PRODUCT SYNONYMS

Vesicle Associated Membrane Protein 2 (VAMP2); Recombinant Vesicle Associated Membrane Protein 2 (VAMP2); Vesicle Associated Membrane Protein 2; SYB2; VAMP-2; Synaptobrevin 2; VAMP2 recombinant protein

PRODUCT SPECIFICATIONS

Host	E Coli
Purity/Purification	>80%
Form/Format	Freeze-dried powder 20mM Tris, 150mM NaCl, pH8.0, containing 1mM EDTA, 1mM DTT, 0.01% SKL, 5% Trehalose and Proclin300.
Sequence	Ser2~Thr11 6
Applicable Applications for VAMP2 recombinant protein	WB (Western Blot), SDS-PAGE, Immunogen, Positive Control
Source	Prokaryotic expression
Species	Human
Tag	N-terminal His and GST Tag
Endotoxin	<1.0EU per 1ug (determined by the LAL method)
Isoelectric Point	8.5
Subcellular Location	Membrane
Usage	Reconstitute in 20mM Tris, 150mM NaCl (pH8.0) to a concentration of 0.1-1.0 mg/mL. Do not vortex.
Preparation and Storage	Store at 2-8 degree C for one month. Aliquot and store at -80 degree C for 12 months. Avoid repeated freeze/thaw cycles. The thermal stability is described by the loss rate. The loss rate was determined by accelerated thermal degradation test, that is, incubate the protein at 37 degree C for 48h, and no obvious degradation and precipitation were observed. The loss rate is less than 5% within the expiration date under appropriate storage condition.



Gene Sequence
Figure. Gene Sequencing (extract

SDS-PAGE
Figure. SDS-PAGE

SATAATAPP AAPAGEGGPP APPNLTNR RLQQTQAQVD EVVDIMRVNV
DKVLERDQKL SELDDRADAL QAGASQFETS AAKLRKYWM KNLMMIILG
VICAIILIII IVYFST

Sequence

ADDITIONAL INFORMATION

Product Categories/Family for VAMP2 recombinant protein	Neuro science; Recombinant proteins/RP
---	--

NCBI AND UNIPROT INFORMATION

NCBI GI #	288558837
NCBI GeneID	6844
UniProt Accession #	P63027; P19065; Q9BUC2
Molecular Weight	13kDa
NCBI Official Full Name	Vesicle-associated membrane protein 2
NCBI Official Synonym Full Names	vesicle-associated membrane protein 2 (synaptobrevin 2)
NCBI Official Symbol	VAMP2
NCBI Official Synonym Symbols	SYB2; VAMP-2
NCBI Protein Information	vesicle-associated membrane protein 2; synaptobrevin 2; synaptobrevin-2; vesicle associated membrane protein 2
UniProt Protein Name	Vesicle-associated membrane protein 2
UniProt Gene Name	VAMP2
UniProt Synonym Gene Names	SYB2; VAMP-2
UniProt Entry Name	VAMP2_HUMAN

For Research Use Only. Not for use in diagnostic or therapeutic procedures. Small volumes of product may become entrapped in the seal of the vial during shipment and storage; if necessary, briefly centrifuge the vial on a tabletop centrifuge to dislodge any liquid in the cap.