

Product datasheet

Recombinant Mouse VAMP2 protein (His tag) ab222979

1 Image

Description

Product name	Recombinant Mouse VAMP2 protein (His tag)	
Purity	> 90 % SDS-PAGE. ab222979 was purified using conventional chromatography techniques.	
Expression system	Escherichia coli	
Accession	P63044	
Protein length	Protein fragment	
Animal free	No	
Nature	Recombinant	
Species	Mouse	
Sequence	MGSSHHHHHHSSGLVPRGSHMGSHMSATAATVPPAAPA GEGGPPAPPPNL TSNRRLQQTQAQVDEVVDIMRVNVDKVLERDQKLSELDD RADALQAGASQ FETSAAKLKRKYWWKNLK	
Predicted molecular weight	13 kDa including tags	
Amino acids	1 to 94	
Tags	His tag N-Terminus	
Additional sequence information	Cytoplasmic domain (NP_033523).	

Specifications

Our [Abpromise guarantee](#) covers the use of **ab222979** in the following tested applications.

The application notes include recommended starting dilutions; optimal dilutions/concentrations should be determined by the end user.

Applications	SDS-PAGE Mass Spectrometry
Mass spectrometry	MALDI-TOF
Form	Liquid

Preparation and Storage

Stability and Storage	Shipped at 4°C. Store at +4°C short term (1-2 weeks). Upon delivery aliquot. Store at -20°C or -80°C. Avoid freeze / thaw cycle.
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pH: 7.40

Constituents: 0.03% EDTA, 10% Glycerol (glycerin, glycerine), PBS, 0.002% PMSF

General Info

Function	Involved in the targeting and/or fusion of transport vesicles to their target membrane.
Tissue specificity	Nervous system and skeletal muscle.
Sequence similarities	Belongs to the synaptobrevin family. Contains 1 v-SNARE coiled-coil homology domain.
Cellular localization	Cytoplasmic vesicle > secretory vesicle > synaptic vesicle membrane. Cell junction > synapse > synaptosome. Neuronal synaptic vesicles.

Images



15% SDS-PAGE analysis of 3 µg ab222979.

Please note: All products are "FOR RESEARCH USE ONLY. NOT FOR USE IN DIAGNOSTIC PROCEDURES"

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