

Product datasheet

Recombinant Human SV2B protein ab160704

1 Image

Overview

<b>Product name</b>	Recombinant Human SV2B protein
<b>Protein length</b>	Full length protein

Description

<b>Nature</b>	Recombinant
<b>Source</b>	Wheat germ
<b>Amino Acid Sequence</b>	
<b>Species</b>	Human

<b>Sequence</b>	<p>MDDYKYQDNYYGGYAPSDGYRGNESNPEEDAQSDVT          EGHDEEDEIYEGEY          QGIPHPDDVKAKQAKMAPSRMDSLARGQTDLMAERLE          DEEQLAHQYETIMD          ECGHGRFQWILFFVLGLALMADGVEVFVVSFALPSAE          KDMCLSSSKKGM          GMVYLGMMAGAFILGGLADKLGRKRVLSMSLAVNAS          FASLSSFVQGYGA          FLFCRLISIGIGGALPMVAYFSEFLSREKRGEHLSWLG          IFWMTGGLYA          SAMAWSIIPHYGWGFSMGTNYHFHSWRVFVIVCALPC          TVSMVALKFMPE          PRFLEMGKHDEAWMILKQVHDTNMRAKGTPEKVFTV          SNIKTPKQMDEFI          EIQSSTGTWYQRWLVRFKTIKQVWDNALYCVMPYR          MNTLILAVVWFAM          AFSYYGLTVWFPDMIRYFQDEEYKSKMKVFFGEHVYG          ATINFTMENQIHQ          HGKLVNDKFTRMYFKHVLFFEDTFFDECYFEDVTSTDT          YFKNCTIESTIFY          NTDLYEHKFINCRFINSTFLEQKEGCHMDLEQDNDFLY          LVSFLGSLSVL          PGNISALLMDRIGRLKMIGGSMLISAVCCFFLFFGNSES          AMIGWQCLFC          GTSIAAWNALDVITVELYPTNQRATAFGILNGLCKFGAIL          GNTIFASFVG</p>
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<b>Amino acids</b>	1 to 683
<b>Tags</b>	GST tag N-Terminus

## Specifications

Our [Abpromise guarantee](#) covers the use of **ab160704** in the following tested applications.

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

<b>Applications</b>	ELISA Western blot
<b>Form</b>	Liquid
<b>Additional notes</b>	Protein concentration is above or equal to 0.05 mg/ml.

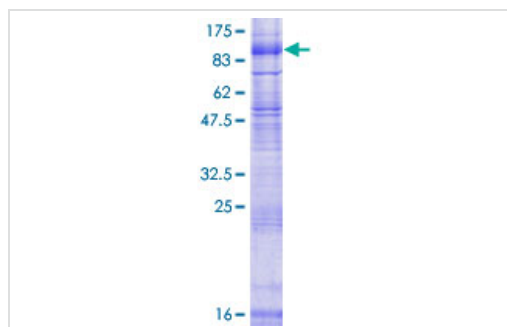
## Preparation and Storage

<b>Stability and Storage</b>	Shipped on dry ice. Upon delivery aliquot and store at -80°C. Avoid freeze / thaw cycles. pH: 8.00 Constituents: 0.31% Glutathione, 0.79% Tris HCl
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## General Info

<b>Relevance</b>	SV2s (Synaptic Vesicle protein 2) are integral membrane glycoproteins present in all synaptic vesicles. They have 12 transmembrane domains predicted by sequence analysis. There are three characterized isoforms, SV2A, SV2B and SV2C. While SV2A is expressed ubiquitously throughout the brain, SV2B has a more restricted distribution with varying degrees of coexpression with SV2A. SV2C is more closely related to SV2A but shows a very restricted expression pattern.
<b>Cellular localization</b>	Cytoplasmic vesicle, secretory vesicle. Synaptic vesicle membrane; Multi-pass membrane protein.

## Images



ab160704 on a 12.5% SDS-PAGE stained with Coomassie Blue.

SDS-PAGE - Recombinant Human SV2B protein  
(ab160704)

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

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- We provide support in Chinese, English, French, German, Japanese and Spanish
- Extensive multi-media technical resources to help you
- We investigate all quality concerns to ensure our products perform to the highest standards

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