

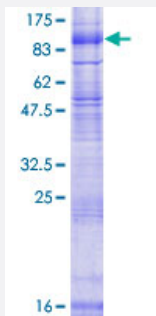
Full-Length

SV2B (Human) Recombinant Protein (P01)

Catalog # H00009899-P01

Size 25 ug, 10 ug

Applications



Specification

Product Description

Human SV2B full-length ORF (NP_055663.1, 1 a.a. - 683 a.a.) recombinant protein with GST-tag at N-terminal.

Sequence

MDDYKYQDNYYGGYAPSDGYRRGNESNPEEDAQSDVTEGHDEEDEYEGEYQGIPHPDDVKAKQ
AKMAPSRMDSLRLGQTDLMAERLEDEEQLAHQYETIMDECGHGRFQWILFFVLGLALMADGVEVF
VVSFALPSAEKDMCLSSSKKGMLGMIVYLGMMAGAFILGGLADKLGRKRVLSMSLAVNASFASL
SSFVQGYGAFLFCRLISGIGIGGALPIVFAYFSEFLSREKRGEHLSWLGIWMTGGLYASAMAWSIIP
HYGWGFSMGTNYHFHSWRVVFVICALPCTVSMVALKFMPEsprflemgkhdeawmilkqvhd
TNMRAKGTPEKVFTVSNIKTPKQMDIEIQSSTGTWYQRWLVRFTIFKQVWDNALYCVMPYR
MNTLILAVVWFAMAFSYYGLTVWFPDMIRYQDEEYKSKMKVFFGEHVYGINFTMENQIHQHGK
LVNDKFTRMYFKHVLFDFTFDECYFEDVTSTDTYFKNCTIESTIFYNTDLYEHKFINCRFINSTFLEQ
KEGCHMDLEQDNDFLMLVSFLGSLSVLPNGNISALLMDRIGRLKMIGGSMLISAVCCFFLFFGNSE
SAMIGWQCLFCGTSIAAWNALDVITVELYPTNQRATAFGILNGLCKFGAILGNTIFASVVGITKVPIL
LAAASLVGGGLIALRLPETREQVLM

Host

Wheat Germ (in vitro)

Theoretical MW (kDa)

103.8

Preparation Method

[in vitro wheat germ expression system](#)

Purification

Glutathione Sepharose 4 Fast Flow

Quality Control Testing

12.5% SDS-PAGE Stained with Coomassie Blue.

Storage Buffer	50 mM Tris-HCl, 10 mM reduced Glutathione, pH=8.0 in the elution buffer.
Storage Instruction	Store at -80°C. Aliquot to avoid repeated freezing and thawing.
Note	Best use within three months from the date of receipt of this protein.

Applications

- Enzyme-linked Immunoabsorbent Assay
- Western Blot (Recombinant protein)
- Antibody Production
- Protein Array

Gene Info — SV2B

Entrez GeneID	9899
GeneBank Accession#	NM_014848.3
Protein Accession#	NP_055663.1
Gene Name	SV2B
Gene Alias	HsT19680, KIAA0735
Gene Description	synaptic vesicle glycoprotein 2B
Omim ID	185861
Gene Ontology	Hyperlink
Other Designations	OTTHUMP00000194749 synaptic vesicle protein 2B homolog

Pathway

- [ECM-receptor interaction](#)

Disease

- [Cardiovascular Diseases](#)
- [Depressive Disorder](#)
- [Diabetes Mellitus](#)
- [Edema](#)
- [Epilepsy](#)
- [Genetic Predisposition to Disease](#)
- [Tobacco Use Disorder](#)