

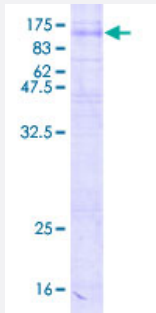
Full-Length

SV2C (Human) Recombinant Protein (P01)

Catalog # H00022987-P01

Size 2 ug

Applications



Specification

Product Description

Human SV2C full-length ORF (NP_055794.1, 1 a.a. - 727 a.a.) recombinant protein with GST-tag at N-terminal.

Sequence

MEDSYKDRTSLMKGAKDIAREVKKQTVKKVNQAVDRAQDEYTQRSYSRFQDEEDDDDDYYPAGE
TYNGEANDDEGSSEATEGHDEDEIEGEYQGIPSMNQAKDSIVSGQPKGDEYKDRRELESER
RADEEELAQQYELIQECGHGRFQWALFFVLGMALMADGVEVFVVGFLPSAETDLCIPNSGSG
WLGSIYLGMMVGAFWGGGLADKVGRKQSLICMSVNGFFAFLSSFVQGYGFFLFCRLLSGFGIG
GAIPTVFSYFAEVLAREKRGELSWLCMFWMIGGIYASAMAWAIIPHYGWSFSMGSAYQFHSWRV
FVIVCALPCVSSVVALTFMPESPRFLLEVGHDEAWMILKLIHDTNMRARGQPEKVFTVNKIKTPK
QIDELIEISDTGTWYRRCFVRIRTELYGWLTFMRCFNYPVRDNTIKLTIVWFTLSFGYYGLSVWFPD
VIKPLQSDEYALLTRNVERDKYANFTINFTMENQIHTGMEYDNGRFIGVKFKSVTFKDSVFKSCTFE
DVTSVNTYFKNCTFIDTVFDNTDFEPYKFIDSEFKNCSFFHNKTGCQITFDDDDYSAYWYFVNFLGT
LAVLPGNIVSALLMDRIGRLTMLGGSMVLSGISCFLLWFGTSESMIGMLCLYNGLTISAWNSLDV
VTVELYPTDRRATGFGFLNALCKAAAVLGNLIFGSLVSITKSIPIILLASTVLVCGGLVGLCLPDTRTQ
VLM

Host

Wheat Germ (in vitro)

Theoretical MW (kDa)

108.7

Interspecies Antigen Sequence

Mouse (97); Rat (96)

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 — SV2C

Entrez GeneID	22987
GeneBank Accession#	NM_014979.1
Protein Accession#	NP_055794.1
Gene Name	SV2C
Gene Alias	MGC118874, MGC118875, MGC118876, MGC118877
Gene Description	synaptic vesicle glycoprotein 2C
Omim ID	610291
Gene Ontology	Hyperlink
Other Designations	synaptic vesicle protein 2C

Publication Reference

- [A quantitative bifunctional in vitro potency assay for botulinum neurotoxin serotype A.](#)

Gregory RW, Werner WE, Ruegg C.

Journal of Pharmacological and Toxicological Methods 2014 Mar; 69(2):103.

Application: Func, Recombinant protein

Pathway

- [ECM-receptor interaction](#)

Disease

- [Epilepsy](#)
- [Genetic Predisposition to Disease](#)
- [Tobacco Use Disorder](#)