

Product Information

MemDX™ Membrane Protein Human SV2A (Synaptic vesicle glycoprotein 2A) Full Length

Cat. No.: **MPC1078K**

This product is for research use only and is not intended for diagnostic use.

This product is a 82.6 kDa Human SV2A membrane protein expressed in HEK293. The protein is for research use only and is not approved for use in humans or in clinical diagnosis.

Product Specifications

Host Species

Human

Target Protein

SV2A

Protein Length

Full length

Protein Class

Transporter

Molecular Weight

82.6 kDa

TMD

12

Sequence

MEEGFRDRAAFIRGAKDIAKEVKKHAAKKVVKGLDRVQDEYSRRSYSRFE
EEDDDDDDFAPSDGYRGEQTQDEEEGGASSDATEGHDEDEIYEGEYQG
IPRAESGGKGERMADGAPLAGVRGGLSDGEGPPGGRGEAQRKEREELAQ
QYEAILECGHGRFQWTLYFVLGLALMADGVEVFVVGFLPSAEKDMCLS
DSNKGMLGLIVYLGMMVGAFLWGGLADRLGRRQCLISLSVNSVFAFFSS
FVQGYGTFLFCRLSGVGIGGSIPVFSYFSEFLAQEKRGHLSWLCMF
MIGGVYAAAMAWAIIPHYGWSFQMGSAYQFHSWRVFVLVCAFPSVFAIGA
LTTQPESPRFFLENGKHDEAWMLKQVHDTNMRAKGHPERVFSVTHIKTI
HQEDELIEIQSDTGTWYQRWGVRLSLGGQVWGNFLSCFGPEYRRITLMM
MGVWFTMSFSYYGLTVWFPDMIRHLQAVDYASRTKVFPGERVEHVTFNFT
LENQIHRGGQYFNDKFIGRLKSVSFEDSLFEECYFEDVTSSNTFFRNCT
FINTVFYNTDLFEYKFVNSRLINSTFLHNKEGCPLDVTGTGEGAYMVYFV
SFLGTLAVLPGNIVSALLMDKIGRLRMLAGSSVMSCVSCFFLSFGNSES
MIALLCFLGGVSIASWNAALDVLTVELYPSDKRTTAFGLNALCKLAAVLG
ISIFTSFVGITKAAPILFASAALALGSSLALKLPETRQVLQ

Product Description

Expression Systems

HEK293

Tag

Based on specific requirements

Protein Format

Detergent or based on specific requirements

Form

Liquid

Storage

Aliquot and store at -20°C or lower. For long term storage, we recommend to store at -70°C or lower. Avoid freeze/thaw cycles.

Target

Target Protein

SV2A

Full Name

Synaptic vesicle glycoprotein 2A

Introduction

The protein encoded by this gene is one of three related synaptic vesicle proteins. The encoded protein may interact with synaptotagmin to enhance low frequency neurotransmission in quiescent neurons.

Alternative Names

SV2A; SV2; KIAA0736; PSEC0174; Synaptic vesicle glycoprotein 2A

Gene ID

[9900](#)

UniProt ID

[Q7L0J3](#)