

Product Information

MemDX™ Membrane Protein Human SLC6A9 (Solute carrier family 6 member 9) Full Length

Cat. No.: **MPC0899K**

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

This product is a 78.2 kDa Human SLC6A9 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

SLC6A9

Protein Length

Full length

Protein Class

Transporter

Molecular Weight

78.2 kDa

TMD

12

Sequence

MSGGDTRAAIARPRMAAAHGVPAPSSPEQVTLLPVQRSFFLPPFSGATPS
TSLAESVLKVWHGAYNSGLLPQLMAQHSLAMAQNGAVPSEATKRDQNLKR
GNWGNQIEFVLTSVGYAVGLGNVWRFPYLCYRNGGGAFMFPYFIMLIFCG
IPLFFMELSFQQFASQGCLGVWRISPMFKGVGYGMMVVSTYIGIYYNVVI
CIAFYFFSSMTHVLPWAYCNPWNTHDCAGVLDASNLTNCSRPAALPSN
LSHLLNHSLQRTSPSEEWRLYVLKLSDDIGNFGEVRLPLLGLGVSWLV
VFLCLIRGVKSSGKVYFTATFPYVVLTLFVRGVTLGAFDGIMYYLTP
QWDKILEAKVWGDAASQIFYSLGCAWGGLITMASYNKFHNCCYRDSVIIS
ITNCATSVYAGFVIFSILGFMANHLGVDVSRVADHGPGLAFVAYPEALT
LPISPLWSLLFFFMLILLGLGTQFCLETLVTAIVDEVGNEWILQKKTYV
TLGVAVAGFLLGIPLTSQAGIYWLLLMDNYAASFSLVVISCIMCVAIMI
YGHRNYFQDIQMMLGFPPPLFFQICWRFVSPAIIFFILVFTVIQYQPITY
NHQYQPGWAVAIGFLMALSSVLCIPLYAMFRLCRTDGDITLLQRLKNATKP
SRDWGPALLEHRTGRYAPTAPSPEDGFEVQPLHPDKAQIPIVGSNGSSR
LQDSRI

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 -72°C or lower. Avoid freeze/thaw cycles.

Target

Target Protein

SLC6A9

Full Name

Solute carrier family 6 member 9

Introduction

The amino acid glycine acts as an inhibitory neurotransmitter in the central nervous system. The protein encoded by this gene is one of two transporters that stop glycine signaling by removing it from the synaptic cleft.

Alternative Names

GLYT1; GCENSG; sodium- and chloride-dependent glycine transporter 1; glyT-1; solute carrier family 6 (neurotransmitter transporter, glycine), member 9; SLC6A9; Solute carrier family 6 member 9

Gene ID

[6536](#)

UniProt ID

[P48067](#)