

Product Information

MemDX™ Membrane Protein Human PRTG (Protogenin) Full Length

Cat. No.: **MPC3019K**

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

This product is a made-to-order Human PRTG 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

PRTG

Protein Length

Full length

Protein Class

Receptor

TMD

1

Sequence

MAPPLRPLARLRPPGMLLRALLLLLLLSPLPGVWCFSELSFVKEPQDVTV
TRKDPVVLDCQAHGEVPIKVTWLKNGAKMSENKRIEVLNGLSLYISEVEG
RRGEQSDEGFYQCLAMNKYGAILSQKAHLALSTISAFEVQPISTEVHEGG
VARFACKISSHPPAVITWEFNRTTLPMTMDRITALPTGVLQIYDVSQRDS
GNYRCIAATVAHRRKSMEASLTVIPAKESKSFHTPTIAGPQNITSLHQ
TVVLECMATGNPKPIISWSRLDHKSIDVFNTRVLGNGNLMISDVRLQHAG
VYVCRATTPGTRNFTVAMATLTVLAPPSFVEWPESLTRPRAGTARFVCQA
EGIPSPKMSWLKNGRKIHNSGRIKMYNSKLVINQIIPEDDAIYQCMAENS
QGSILSRARLTVVMSEDRPSAPYNVHAETMSSSAILLAWERPLYNSDKVI
AYSVHYMKAEGLNNEEYQVVIGNDTTHYIIDDLEPASNYTFYIVAYMPMG
ASQMSDHVTQNTLEDVPLRPPEISLTSRSPDILISWLPPIAKYRRGQVV
LYRLSFRLSTENSIQVLELPGTTHEYLLEGLKPDSVYLVRITAATRVGLG
ESSVWTSHRTPKATSVKAPKSPELHLEPLNCTTISVRWQQDVEDTAAIQG
YKLYYKEEGQQENGPIFLDTKDLLYTLGLDPRRKYHVRLLAYNNIDG
QADQTVSTPGCVSVRDRMVPPPPPHLYAKANTSSSIFLHWRRPAFTAA
QIINYTIRCNPVGLQNASLVLYLQTSETHMLVQGLEPNTKYFAVRLHVD
QLSSPWSPVYHSTLPEAPAGPPVGKVTLIEDDTALVSWKPPDGPETVV
TRYTILYASRKAWIAGEWQVLHREGAITMALLENLVAGNVYIVKISASNE
VGEGPFSNSVELAVLPKETSESNQRPKRLDSADAKVYSGYYHLDQKSMTG
IAVGVGIALTCILICVLILIYRSKARKSSASKTAQNGTQQLPRTSASLAS
GNEVGKNLEGAVGNEESLMPMIMPNSFIDAKGGTDLIINSYGPIIKNSK
KKWFFFQDSKKIQVEQPQRRFTPAVCFYQPGTTVLISDEDSPPSPGQTTS
FSRPFVGAADTEHSANSEGSHTGDSGRFSHESNDEIHLSSVISTTPPNL

Product Description

Expression Systems

HEK293

Tag

Based on specific requirements

Protein Format

Detergent or based on specific requirements (Detergent, Liposome, Nanodisc, Polymer, VLP)

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

PRTG

Full Name

Protogenin

Introduction

This gene encodes a member of the immunoglobulin superfamily. The encoded transmembrane protein has been associated with the development of various tissues, especially neurogenesis. It has been suggested that this gene may be associated with attention deficit hyperactivity disorder (ADHD).

Alternative Names

PRTG; IGDCC5; immunoglobulin superfamily, DCC subclass, member 5; protogenin homolog (Gallus gallus); shen-dan; Protogenin

Gene ID

[283659](#)

UniProt ID

[Q2VWP7](#)