

Product Information

MemDX™ Membrane Protein Human PGAP1 (Post-GPI attachment to proteins inositol deacylase 1) Full Length

Cat. No.: **MPC3860K**

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

This product is a made-to-order Human PGAP1 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

PGAP1

Protein Length

Full length

Protein Class

Transporter

TMD

7

Sequence

MFLHSVNLWNLA FYVFMVFLATLGLWDVFFGFEENKCSMSYMF EYPEYQK
IELPKKLAKRYPAYELYLYGEGSYAEEHKILPLTGIPVFLFPGNAGSYKQ
VRSIGSIALRKAEDIDFKYHFDFFSVNFNEELVALYGGSLQKQTKFVHEC
IKTILKLYKGQEFAPKSVAIIGHSMGGLVARALLTLKNFKHDLINLLITQ
ATPHVAPVMPLDRFITDFYTTVN NYWILNARHINLT TSVAGGFRDYQVR
SGLTFLPKLSHHTSALS SVSSAVPKTWVSTDHLSIVWCKQLQLTTVRAFF
DLIDADTKQITQNSKKLSVLYHHFIRHPSKHFEENPAISDLTGTSMWV
LVKVSKWTVAYNESEKIYFTFPLENHRKIYTHVYCQSTMLDTNSWIFAC
INSTSMCLQGVDLSWKAELLPTIKYLT LRLQDYP SLSHLVVYVPSVRGSK
FVVDCEFFKKEKRYIQLPVTHLFSFGLSSRKVV LNTNGLYYNLELLNFGQ
IYQAFKINVSKCSAVKEEITSIYRLHIPWSYEDSLTIAQAPSSTEISLK
LHIAQPENNT HVALFKMYTSSDCRYEVT VKTSFSQILGQVVRFHGGALPA
YVVSNILLAYRGQLYSLFSTGCCLEYATMLDKEAKPYKVDPFVIIIKFL
GYKWFKE LWDVLLLPELDAVILTCQSMCFPLISLILFLFGTCTAYWSGLL
SSASVRLLSSLWLALKRPS ELPKDIKMISPDLPFLTIVLIIVSWTTCGAL
AILLSYLYYVFKVVHLQASLTTFKNSQPVNPKHSRRSEKKSNNHHKDSSIH
HLRLSANDAEDSLRMHSTVINLLTWIVLLSMPSLIYWLKNLRY YFKLNP
PCKPLAFILIPTMAILGNTYTVSIKSSKLLKTT SQFPLPLAVGVIAFGSA
HLYRLPCFVFIPLLLHALCNFM

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

PGAP1

Full Name

Post-GPI attachment to proteins inositol deacylase 1

Introduction

The protein encoded by this gene functions early in the glycosylphosphatidylinositol (GPI) biosynthetic pathway, catalyzing the inositol deacylation of GPI. The encoded protein is required for the production of GPI that can attach to proteins, and this may be an important factor in the transport of GPI-anchored proteins from the endoplasmic reticulum to the Golgi. Defects in this gene are a cause an autosomal recessive form of cognitive impairment.

Alternative Names

PGAP1; Bst1; MRT42; SPG67; NEDDSBA; ISPD3024; GPI inositol-deacylase; post-GPI attachment to proteins 1; post-GPI attachment to proteins factor 1; Post-GPI attachment to proteins inositol deacylase 1

Gene ID

[80055](#)

UniProt ID

[Q75T13](#)