

Product Information

MemDX™ Membrane Protein Human GP6 (Glycoprotein VI platelet) Full Length

Cat. No.: **MPC2488K**

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

This product is a made-to-order Human GP6 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

GP6

Protein Length

Full length

Protein Class

Receptor

TMD

1

Sequence

MSPSPTALFCLGLCLGRVPAQSGPLPKPSLQALPSSLVPLEKPVTLRCQG
PPGVDLYRLEKLSSSRYSQDQAVLFIPAMKRSLAGRYRCSYQNGSLWSLPS
DQLELVATGVFAKPSLSAQPGPAVSSGGDVTLCQTRYGFDQFALYKEGD
PAPYKNPERWYRASFPITVTAHSGTYRCYSFSSRDPYLWSAPSDPLEL
VVTGTSVTPSRLPTEPPSPVAEFSEATAELTVSFTNEVFTTETSRSITAS
PKESDSPAGPARQYYTKGNLVRICLGAVILIILAGFLAEDWHSRRKRLRH
RGRAVQRPLPPLPPLPLTRKSNGGQDGGGRQDVHSRGLCS

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

GP6

Full Name

Glycoprotein VI platelet

Introduction

This gene encodes a platelet membrane glycoprotein of the immunoglobulin superfamily. The encoded protein is a receptor for collagen and plays a critical role in collagen-induced platelet aggregation and thrombus formation. The encoded protein forms a complex with the Fc receptor gamma-chain that initiates the platelet activation signaling cascade upon collagen binding. Mutations in this gene are a cause of platelet-type bleeding disorder-11 (BDPLT11). Alternatively spliced transcript variants encoding multiple isoforms have been observed for this gene.

Alternative Names

GP6; GPIV; GPVI; BDPLT11; platelet glycoprotein VI; glycoprotein 6; platelet collagen receptor; Glycoprotein VI platelet

Gene ID

[51206](#)

UniProt ID

[Q9HCN6](#)