

Product Information

MemDX™ Membrane Protein Human ITGA2B (Integrin subunit alpha 2b) Full Length

Cat. No.: **MPC2188K**

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

This product is a 113.3 kDa Human ITGA2B 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

ITGA2B

Protein Length

Full length

Protein Class

Cell adhesion

Molecular Weight

113.3 kDa

TMD

1

Sequence

MARALCPLQALWLEWVLLLLGPCAAPPAAWALNLDPVQLTFYAGPNGSQF
GFSLDFHKDSHGRVAIVVGAPRTLGPSQEETGGVFLCPWRAEGGQCPSLL
FDLRDETRNVGSQTLQTFKARQQLGASVVSWSDVIVACAPWQHWNVLEKT
EEAEKTPVGSCFLAQPESGRRAEYSPCRGNTLSRIYVENDFSWDKRYCEA
GFSSVVTQAGELVLGAPGGYYFLGLLAQAPVADIFSSYRPGILLWHVSSQ
SLSFDSSNPEYFDGYWGYSAVGEFDGDLNTEYVVGAPTWSWTLGAVEI
LDSYYQRLHRLRGEQMASYFGHSVAVTDVNGDGRHDLLVGAPLYMESRAD
RKLAEVGRVYFLQPRGPHALGAPSLLLTGTQLYGRFGSAIAPLGDLDRD
GYNDIAVAAPYGGPSGRGQVLVFLGQSEGLRSRPSQVLDSPFPTGSAFGF
SLRGAVDIDDNGYPDLIVGAYGANQVAVYRAQPVVKASVQLLVQDSLNP
VKSCVLPQTKTPVSCFNIQMCVGATGHNIPQKLSLNAELQLDRQKPRQGR
RVLLLSQQAQTTNLNLDLGGKHSPICHTTMAFLRDEADFRDKLSPIVLSL
NVSLPPTTEAGMAPAVVLHGDTHVQEQTTRIVLDCGEDDVCVPQLQLTASVT
GSPLLVGADNVLELQMDAANELEGAYEAELAVHLPQGAHYMRALSNVEGF
ERLICNQKKENETRVVLCELGNPMKKNAQIGIAMLVSVGNLEEAGESVSF
QLQIRSKNSQNPNSKIVLLDVPVRAEAQVELRGNSFPASLVVAAEEGERE
QNSLDSWGPKEHTYELHNNPGTVNGLHLSIHLPGQSQPSDLLYILDIQ
PQGGQLQCFPPQPPVNPLKVDWGLPIPSPSPIHPAHHKRDRRQIFLPEPEQP
SRLQDPVLVSCDSAPCTVVQCDLQEMARGQRAMVTVLAFLWLPSLYQRPL
DQFVLQSHAWFNVSSLPYAVPPLSLPRGEAQVWTQLLRALEREAPIWWW
LVGVVLGGLLLLTLVLAMWKVGFFKRNRPPEEDDEEGE

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

ITGA2B

Full Name

Integrin subunit alpha 2b

Introduction

This gene encodes a member of the integrin alpha chain family of proteins. The encoded preproprotein is proteolytically processed to generate light and heavy chains that associate through disulfide linkages to form a subunit of the alpha-IIb/beta-3 integrin cell adhesion receptor. This receptor plays a crucial role in the blood coagulation system, by mediating platelet aggregation. Mutations in this gene are associated with platelet-type bleeding disorders, which are characterized by a failure of platelet aggregation, including Glanzmann thrombasthenia.

Alternative Names

ITGA2B; GT; GT1; GTA; CD41; GP2B; HPA3; CD41B; GPIIb; BDPLT2; BDPLT16; PPP1R93; integrin alpha-IIb; GPalpha IIb; alphallb protein; integrin, alpha 2b (platelet glycoprotein IIb of IIb/IIIa complex, antigen CD41); platelet fibrinogen receptor, alpha subunit; platelet glycoprotein IIb of IIb/IIIa complex; platelet membrane glycoprotein IIb; platelet-specific antigen BAK; protein phosphatase 1, regulatory subunit 93; Integrin subunit alpha 2b

Gene ID

[3674](#)

UniProt ID

[P08514](#)