

Product Information

MemDX™ Membrane Protein Human ITGB3 (Integrin subunit beta 3) for Antibody Discovery

Cat. No.: **MP0610J**

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

This product is a 84.3 kDa Human ITGB3 membrane protein expressed in HEK293T. 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

ITGB3

Protein Length

Full-length

Protein Class

Druggable Genome, ES Cell Differentiation/IPS, Transmembrane

Molecular Weight

84.3 kDa

TMD

1

Sequence

MRARPRPRPLWATVLALGALAGVGVGGPNICTTRGVSSCQQCLAVSPMCAWCSDEALPLGSPRCDLKENL
LKDNCAPESIEFPVSEARVLEDRLSDKSGDSSQVTQVSPQRIALRLRPDDSKNFSIQVRQVEDYPVDI
YYLMDLSYSMKDDLWSIQNLGTLATQMRKLTSNLRIGFGAFVDKPVSPYMYISPPEALENPCYDMKTTC
LPMFGYKHVLTLDQVTRFNEEVKKQSVSRNRDAPEGGFDAIMQATVCDEKIGWRNDASHLLVFTTDAKT
HIALDGRLAGIVQPNDGQCHVGSDNHYSASTTMDYPSLGLMTEKLSQKNINLIFAVTENVVNLQNYSEL
IPGTTVGVLSDSSNVLQLIVDAYGKIRSKVELEVRDLPEELSLSFNATCLNNEVIPGLKSCMGLKIGDT
VSFSIEAKVRGCPQEKEKSFTIKPVGFKDSLIVQVTFDCDCACQAQAEPNSHRCNNGNGTFECGVCRCGP
GWLGSQCECSEEDYRPSQQDECSREGQPVCSSQRGECLCGQCVCHSSDFGKITGKYCECDDFSCVRYKGE
MCSGHGQCSCGDCLCSDWTGYCNCCTTRDTCMSSNGLLCSGRGKCECGSCVCIQPGSYGDTCEKCPTC
PDACTFKKECVECKKFDRGALHDENTCNRYCRDEIESVKELKDTGKDAVNCTYKNEDDCVVRFYQYEDSS
GKSILYVVEEPECPKGPDLVLVLLSVMGAILLIGLAALLIWKLLITIHDRKEFAKFEEERARAKWDTANN
PLYKEATSTFTNITYRGT

Product Description

Expression Systems

HEK293T

Tag

C-Myc/DDK

Form

Liquid

Purification

Anti-DDK affinity column followed by conventional chromatography steps

Purity

> 80% as determined by SDS-PAGE and Coomassie blue staining

Buffer

25 mM Tris.HCl, pH 7.3, 100 mM glycine, 10% glycerol

Storage

Store at +4°C for up to one week or several months at -80°C

Target**Target Protein**

ITGB3

Full Name

Integrin subunit beta 3

Introduction

The ITGB3 protein product is the integrin beta chain beta 3. Integrins are integral cell-surface proteins composed of an alpha chain and a beta chain. A given chain may combine with multiple partners resulting in different integrins. Integrin beta 3 is found along with the alpha IIb chain in platelets. Integrins are known to participate in cell adhesion as well as cell-surface mediated signalling.

Alternative Names

GT; CD61; GP3A; BDPLT2; GPIIIa; BDPLT16

Gene ID

[3690](#)

UniProt ID

[P05106](#)