

Product Information

MemDX™ Membrane Protein Human ITGB1 (Integrin subunit beta 1) Full Length

Cat. No.: **MPC2109K**

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

This product is a 88.4 kDa Human ITGB1 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

ITGB1

Protein Length

Full length

Protein Class

Cell adhesion

Molecular Weight

88.4 kDa

TMD

1

Sequence

MNLQPIFWIGLISSVCCVFAQTDENRCLKANAKSCGECIQAGPNCGWCTN
STFLQEGMPTSARCDLEALKKKGCPPDDIENPRGSKDIKKKNVTNRSK
GTAEKLPEDITQIQPQQLVLRRLRSGEPQTFTLKFKAEDYPIDLYYLM
LSYSMKDDLENVKSLGTDLMNEMRRITSDFRIGFGSFVEKTVMPYISTTP
AKLRNPCTSEQNCTSPFSYKNVLSLTNKGEVFNELVGKQRISGNLDSPEG
GFDAIMQVAVCGSLIGWRNVTRLLVFSTDAGFHAFAGDGKLGIVLPNDGQ
CHLENNMYTMSHYDDYPSIAHLVQKLSENNIQTIFAVTEEFQPVYKELKN
LIPKSAVGTLSSANSNVIQLIIDAYNSLSSEVILENGKLSEGVITISYKSY
CKNGVNGTGENGRCNSNISIGDEVQFEISITSNKCPKKDSDFSIRPLGF
TEEEVILQYICECECQSEGIPEPKCHEGNGTFECGACRCNEGRVGRHC
ECSTDEVNSEDMDAYCRKENSSEICSNNGECVCGQCVCVKRDNTNEIYSG
KFCECDNFNCDRSNGLICGNGVCKCRVCECNPNYTGSA CDCSLDTSTCE
ASNGQICNGRGICEGVCCKTDPKFQGGTCEMCQTCLGVCAEHKECVQCR
AFNKGEKKDTCTQECSYFNITKVESRDKLPQVPQDPVSHCKEKDVDDCW
FYFTYSVNGNNEVMHVVENPECPTGPDIIPIVAGVVAGIVLIGLALLLI
WKLLMIHHRREFAKFEKEKMNAKWDGTGENPIYKSAVTTVVNPKYEGK

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

ITGB1

Full Name

Integrin subunit beta 1

Introduction

Integrins are heterodimeric proteins made up of alpha and beta subunits. At least 18 alpha and 8 beta subunits have been described in mammals. Integrin family members are membrane receptors involved in cell adhesion and recognition in a variety of processes including embryogenesis, hemostasis, tissue repair, immune response and metastatic diffusion of tumor cells. This gene encodes a beta subunit. Multiple alternatively spliced transcript variants which encode different protein isoforms have been found for this gene.

Alternative Names

ITGB1; CD29; FNRB; MDF2; VLAB; GPIIA; MSK12; VLA-BETA; integrin beta-1; glycoprotein IIa; integrin VLA-4 beta subunit; integrin beta 1; integrin, beta 1 (fibronectin receptor, beta polypeptide, antigen CD29 includes MDF2, MSK12); very late activation protein, beta polypeptide; Integrin subunit beta 1

Gene ID

[3688](#)

UniProt ID

[P05556](#)