

Product Information

MemDX™ Membrane Protein Human ITGB2 (Integrin subunit beta 2) for Antibody Discovery

Cat. No.: **MP0579J**

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

This product is a 82.5 kDa Human ITGB2 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

ITGB2

Protein Length

Full-length

Protein Class

Druggable Genome, Transmembrane

Molecular Weight

82.5 kDa

TMD

1

Sequence

MLGLRPPLLALVGLLSLGCVLSQECTKFKVSSCRECIESGPGCTWCQKLNFTGPGDPDSIRCDTRPQLLM
RGCAADDIMDPTSLAETQEDHNGGQKQLSPQKVTLYLRPGQAAAFNVTFRRAKGYPIDLYYLMDSYSML
DDLNRNVKKLGDDLRLALNEITESGRIGFGSFVDKTVLPFVNTHPKLRNPCPNKEKECQPPFAFRHVLKL
TNNSNQFQTEVGKQLISGNLDAPEGGLDAMMQVAACPEEIGWRNVTRLLVFATDDGFHFAGDGKLGAILT
PNDGRCHLEDNLYKRSNEFDYPSVGQLAHKLAENNIQPIFAVTSRMVKTYEKLTEIIPKSAVGELSEDSS
NVVQLIKNAYNKLSSRVFLDHNALPDTLKVTYDSFCSNGVTHRNQPRGDCDGVQINVPITFQVKVTATEC
IQEQSFVIRALGFTDIVTVQVLPQCECRCRDQSRDRSLCHGKGFLECGICRCDTGYIGKNCECQTQGRSS
QELEGSCRKDNNSIICSGLGDCVCGQCLCHTSDVP GKLIYGQYCECDTINCERYNGQVCGGPGRGLCFCCG
KCRCHPGFEGSACQCERTTEGCLNPRRVECSGRGRCRCNVCECHSGYQLPLCQCEPGCPSPCGKYISCAE
CLKFEKGPF GKNC SAAC PGLQLSNNPVKGRTCKERDSEGCWVAYTLEQQDGM DRYLIYVDESRECVAGPN
IAAIVGGTVAGIVLIGILLVIWKALIHLSDLREYRRFEKEKLKSQWNNDNPLFKSATTVMNPKFAES

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**

ITGB2

Full Name

Integrin subunit beta 2

Introduction

This gene encodes an integrin beta chain, which combines with multiple different alpha chains to form different integrin heterodimers. Integrins are integral cell-surface proteins that participate in cell adhesion as well as cell-surface mediated signalling. The encoded protein plays an important role in immune response and defects in this gene cause leukocyte adhesion deficiency. Alternative splicing results in multiple transcript variants.

Alternative Names

LAD; CD18; MF17; MFI7; LCAMB; LFA-1; MAC-1

Gene ID

[3689](#)

UniProt ID

[P05107](#)