

Product Information

MemDX™ Membrane Protein Human ITGB2 (Integrin subunit beta 2) Full Length

Cat. No.: **MPC2855K**

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

This product is a made-to-order Human ITGB2 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

ITGB2

Protein Length

Full length

Protein Class

Cell adhesion

TMD

1

Sequence

MLGLRPPLLALVGLLSLGCVLSQECTKFKVSSCRECIESGPGCTWCQKLN
FTGPGDPDSIRCDTRPQLLMRGCAADDIMDPTSLAETQEDHNGGQKQLSP
QKVTLYLRLPGQAAAFNVTFRRAKGYPIDLYYLMDSLYSMLDDLNRNVKKLG
GDLLRALNEITESGRIGFGSFVDKTVLPFVNTHPDKLRNPCPNKEKECQP
PFAFRHVLKLTNNSNQFQTEVGKQLISGNLDAPEGGLDAMMQVAACP EEI
GWRNVTRLLVFATDDGFHFAGDGKLGAILTPNDGRCHLEDNLYKRSNEFD
YPSVGQLAHKLAENNIQPIFAVTSRMVKTYEKLTEIIPKSAVGELSEDSS
NVVQLIKNAYNKLSSRVFLDHNALPDTLKVTYDSFCSNGVTHRNQPRGDC
DGVQINVPITFQVKVTATECIEQSFVIRALGFTDIVTVQVLPQCECRCR
DQSRDRSLCHGKGFLGECGICRCDTGYIGKNCECQTQGRSSQELEGSCRKD
NNSIICSLGDCVCGQCCLCHTSDVPGKLIYGQYCECDTINCERYNGQVCG
GPGRGLCF CGKCRCHPGFEFSACQCERTTEGCLNPRRVECSGRGRRCRCNV
CECHSGYQLPLCQECPCGSPCGKYISCAECLKFEKGPFGKNCSAACPL
QLSNNPVKGRGTCKERDSEGCWVAYTLEQQDGM DRYLIYVDESRECVAGPN
IAAIVGGTVAGIVLIGILLVIWKALIHLSDLREYRRFEKEKLKSQWNND
NPLFKSATTTVMNPKFAES

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**

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

ITGB2; LAD; CD18; MF17; MFI7; LCAMB; LFA-1; MAC-1; integrin beta-2; cell surface adhesion glycoprotein (LFA-1/CR3/P150,959 beta subunit precursor); complement component 3 receptor 3 and 4 subunit; complement receptor C3 beta-subunit; integrin beta chain, beta 2; integrin, beta 2 (complement component 3 receptor 3 and 4 subunit); leukocyte cell adhesion molecule CD18; leukocyte-associated antigens CD18/11A, CD18/11B, CD18/11C; truncated integrin beta-2; Integrin subunit beta 2

Gene ID

[3689](#)

UniProt ID

[P05107](#)