

Product Information

MemDX™ Membrane Protein Human ITGB2 (Integrin subunit beta 2) Expressed *in vitro* *E.coli* expression system, Full Length of Mature Protein

Cat. No.: **MPX4027K**

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

This product is a Human ITGB2 membrane protein expressed *in vitro* *E.coli* expression system. 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 of Mature Protein

Protein Class

Receptor

TMD

1

Sequence

QECTKFKVSSCRECIESGPGCTWCQKLNFTGPGDPDSIRCDTRPQLLMRGCAADDIMDPTSLAETQEDHNGGQKQLSPQKVTLYL

Product Description

Expression Systems

in vitro *E.coli* expression system

Tag

10xHis tag at the N-terminus

Protein Format

Soluble

Form

Liquid or Lyophilized powder

Buffer

Tris/PBS-based buffer, 6% Trehalose, pH 8.0

Storage

Aliquot and store at -20°C or lower. For long term storage, we recommend to store at -70°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; Integrin subunit beta 2

Gene ID

[3689](#)

UniProt ID

[P05107](#)