

Product Information

MemDX™ Membrane Protein Human ITGB8 (Integrin subunit beta 8) Full Length

Cat. No.: **MPC4193K**

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

This product is a made-to-order Human ITGB8 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

ITGB8

Protein Length

Full length

Protein Class

Cell adhesion

TMD

1

Sequence

MCGSALAFFTAAFVCLQNDRGPASFLWAAWVFSVLGLGQGEDNRCASS
NAASCARCLALGPECGWCVQEDFISGGSRSERCDIVSNLISKGCSVDSIE
YPSVHVIIPTENEINTQVTPGEVSIQLRPGAEANFMLKVHPLKKYPVDLY
YLVDVSASMHNIEKLNSVGNDLSRKMAFFSRDFRLGFGSYVDKTVSPYI
SIHPERIHNCSDYNLDCMPPHGYIHVLSLTENITEFEKAVHRQKISGNI
DTPEGGFDAMLQAAVCESHGWRKEAKRLLLVMTDQTSHLALDSKLAGIV
VPNDGNCHLKNNVYVKSTTMEHPSLGQLSEKLIDNNINVIFAVQGKQFHW
YKDLLPLLPGTIAGEIESKAANLNNLVVEAYQKLISEVKVQVENQVQGIY
FNITAICPDGSRKPGMEGCRNVTSNDEVLFNVTVTMKKCDVTGGKNYAI
KPIGFNETAKIHHRNCSCQCEDNRGPKGKCVDETFLDSKCFQCDEKCH
FDEDQFSSESCKSHKDQPVCSGRGVCVCGKCSCHKIKLGKVGKYCEKDD
FSCPYHHGNLCAGHGECEAGRCQCFSGWEGDRCQCPSAAAQHCVNSKGQV
CSGRGTCVCGRCECTDPRSIGRFCEHCPTCYTACKENWNCMQCLHPHNLS
QAILDQCKTSCALMEQQHYVDQTSECFSSPSYLRIFFIIVTFLIGLLK
VLIIRQVILQWNSNLIKSSSDYRVSASKKDKLILQSVCTRAVTYRREKPE
EIKMDISKLNHETFRCNF

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**

ITGB8

Full Name

Integrin subunit beta 8

Introduction

This gene is a member of the integrin beta chain family and encodes a single-pass type I membrane protein with a VWFA domain and four cysteine-rich repeats. This protein noncovalently binds to an alpha subunit to form a heterodimeric integrin complex. In general, integrin complexes mediate cell-cell and cell-extracellular matrix interactions and this complex plays a role in human airway epithelial proliferation. Alternatively spliced variants which encode different protein isoforms have been described; however, not all variants have been fully characterized.

Alternative Names

ITGB8; integrin beta-8; Integrin subunit beta 8

Gene ID

[3696](#)

UniProt ID

[P26012](#)