

Product Information

MemDX™ Membrane Protein Human ITGB5 (Integrin subunit beta 5) Expressed *in vitro* *E.coli* expression system, Full Length of Mature Protein

Cat. No.: **MPX4041K**

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

This product is a Human ITGB5 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

ITGB5

Protein Length

Full Length of Mature Protein

Protein Class

Receptor

TMD

1

Sequence

GLNICTSGSATSCEECLLIHPKCAWCSKEDFGSPRSITSRCDLRANLVKNGCGGEIESPASSFHVLRSLPLSSKSGSGSAGWDVIQMT

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

ITGB5

Full Name

Integrin subunit beta 5

Introduction

This gene encodes a beta subunit of integrin, which can combine with different alpha chains to form a variety of integrin heterodimers. Integrins are integral cell-surface receptors that participate in cell adhesion as well as cell-surface mediated signaling. The alphav beta5 integrin is involved in adhesion to vitronectin.

Alternative Names

ITGB5; integrin beta-5; testis secretory sperm-binding protein Li 217p; Integrin subunit beta 5

Gene ID

[3693](#)

UniProt ID

[P18084](#)