

Product Information

MemDX™ Membrane Protein Human ITGB6 (Integrin subunit beta 6) for Antibody Discovery

Cat. No.: **MP0845J**

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

This product is a 85.8 kDa Human ITGB6 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

ITGB6

Protein Length

Full-length

Protein Class

Druggable Genome, Transmembrane

Molecular Weight

85.8 kDa

TMD

1

Sequence

MGIELLCFLFFLFLGRNDHVQGGCALGGAETCEDCLLIGPQCAWCAQENFTHPSGVGERCDTPANLLAKGC
QLNFIENPVSQVEILKNKPLSVGRQKNSSDIVQIAPQSLILKLRPGGAQTLQVHVRQTEDYPVDLYYLM
LSASMDDDLNTIKELGSRLSKEMSKLTSNFRLLGFGSFVEKPVSPFVKTTPEEIANPCSSIPYFCLPTFGF
KHILPLTNDARFNEIVKNQKISANIDTPEGGFDAIMQAAVCKEKIGWRNDSLHLLVFVSDADSHFGMDS
KLAGIVIPNDGLCHLDSKNEYSMTVLEYPTIGQLIDKLVQNNVLLIFAVTQEQVHLYENYAKLIPGATV
GLLQKDSGNILQLIISAYEELRSEVELEVLGDTEGLNLSFTAICNNGTLFQHQKKCSHMKVGD TASFSVT
VNIPH CERRSRHIIKPVGLGDALELLVSPENCDCQKEVEVNSSKCHHGNNGSFQCGVCACHPGHMGPRC
ECGEDMLSTDSCKEAPDHPSCSGRGDCYCGQCICHLSPYGNIGPYCQCDNFSCVRHKGLLCGGNGDCDC
GECVCRSGWTGEYCNCCTTSTDSCVSEDGVLCSGRGDCVCGKCVCTNPGASGPTCERCPTCGDPCNSKRSC
IECHLSAAGQAREECVDKCKLAGATISEEEDFSKDGSVSCSLQGENECLITFLITTDNEGKTIHSINEK
DCPKPPNIPMIMLGVSLAILLIGVLLCIWKLLVSFHDRKEVAKFEAERSKAKWQTGTNPLYRGSTSTFK
NVTYKHREKQKVDLSTDC

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

25mM Tris, pH8.0, 150 mM NaCl, 10% glycerol, 1 % Sarkosyl

Storage

Store at +4°C for up to one week or several months at -80°C

Target**Target Protein**

ITGB6

Full Name

Integrin subunit beta 6

Introduction

This gene encodes a protein that is a member of the integrin superfamily. Members of this family are adhesion receptors that function in signaling from the extracellular matrix to the cell. Integrins are heterodimeric integral membrane proteins composed of an alpha chain and a beta chain. The encoded protein forms a dimer with an alpha v chain and this heterodimer can bind to ligands like fibronectin and transforming growth factor beta 1. Alternate splicing results in multiple transcript variants.

Alternative Names

AI1H

Gene ID

[3694](#)

UniProt ID

[P18564](#)