

Product Information

MemDX™ Membrane Protein Human ITGA11 (Integrin subunit alpha 11) for Antibody

Discovery

Cat. No.: **MP0725J**

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

This product is a 131 kDa Human ITGA11 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

ITGA11

Protein Length

Full-length

Protein Class

Druggable Genome, Transmembrane

Molecular Weight

131 kDa

TMD

1

Sequence

MDLPRGLVVAWALSLWPGFTDTFNMDTRKPRVIPGSRTAFFGYTVQQHDISGNKWLVGAPLETNGYQKT
GDVYKCPVIHGNTKLNLRVTLSNVSERKDNMRLGLSLATNPKDNSFLACSPLWSHECGSSYYTTGMCS
RVNSNFRFSKTVAPALQRCQTYMDIVIVLDGSNSIYPWVEVQHFLINILKKFYIGPGQIQVGVVQYGEDV
VHEFHLNDYRSVKDVVEAASHIEQRGGTETRTAFGIEFARSEAFQKGGRKGAKKVMIVITDGESHDSPDL
EKVIQQSERDNVTRYAVAVLGYNNRRGINPETFLNEIKYIASDPDDKHFFNVTDEAALKDIVDALGDRI
SLEGTNKNETSFGLEMSQTGFSSHVEDGVLLGAVGAYDWNGAVLKETSAGKVIPLRESYLKEFPEELKN
HGAYLGYTVTSVSVSRQGRVYVAGAPRFNHTGKVILFTMHNNRSLTIHQAMRGQQIGSYFGSEITSVDID
GDGVTDLVLLVGAPMYFNEGRERGRKVVYELRQNLVYNGTLKDSHSYQNAFSGSSIASVRDLNQDSYNDV
VVGAPLEDNHAGAIYIFHGFRGSILKTPKQRITASELATGLQYFGCSIHGQLDLNEDGLIDLAVGALGNA
VILWSRPVQINASLHFEPKINIFHRDCKRSGRDATCLAAFLCFTPIFLAPHFQTTTVGIRYNATMDER
RYTPRAHLDEGGDRFTNRAVLLSSGQELCERINFHVLDTADYVKPVTFVSVEYSLEDPDHGPMLDDGWPTT
LRVSVPFWNGCNEDEHCVDPDLVDARSDDLPTAMEYCQVRVLRKPAQDCSAYTLSFDTTVFIESTRQRVAV
EATLENRGENAYSTVLNISQSANLQFASLIQKEDSDGSIECVNEERRLQKQVCNVSYPPFFRAKAKVAFRL
DFEFSKSIFLHHLEIELAAGSDSNERDSTKEDNVAPLRFHLKYEADVLFTRSSSLSHYEVKPNSSLERYD
GIGPPFSCIFRIQNLGLFPIHGMKITIPIATRSGNRLLKLDRDFTDEANTSCNIWGNSTEYRPTPVEE
DLRRAPQLNHSNSDVVSINCNIQLVPNQEIFHLLGNLWLRSLKALKYKSMKIMVNAALQRQFHSPFIFR
EEDPSRQIVFEISKQEDWQVPIIIVGSTLGLLLLALLVLALWKLGFRRSARRRREPGLDPTPKVLE

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

25 mM Tris.HCl, pH 7.3, 100 mM glycine, 10% glycerol

Storage

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

Target

Target Protein

ITGA11

Full Name

Integrin subunit alpha 11

Introduction

This gene encodes an alpha integrin. Integrins are heterodimeric integral membrane proteins composed of an alpha chain and a beta chain. This protein contains an I domain, is expressed in muscle tissue, dimerizes with beta 1 integrin in vitro, and appears to bind collagen in this form. Therefore, the protein may be involved in attaching muscle tissue to the extracellular matrix. Alternative transcriptional splice variants have been found for this gene, but their biological validity is not determined.

Alternative Names

HsT18964

Gene ID

[22801](#)

UniProt ID

[Q9UKX5](#)