

Product Information

MemDX™ Membrane Protein Human ITGA11 (Integrin subunit alpha 11) Full Length

Cat. No.: **MPC4125K**

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

This product is a made-to-order Human ITGA11 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

ITGA11

Protein Length

Full length

Protein Class

Cell adhesion

TMD

1

Sequence

MDLPRGLVVAWALSLWPGFTDTFNMDTRKPRVIPGSRTAFFGYTVQQHDI
SGNKWL VVGAPLETNGYQKTGDVYKCPVIHGNCTKLN LGRVTL SNV SERK
DNMRLGLSLATNP KDNSFLAC SPLWSHECGSSYYTTGMCSR VNSNFRFSK
TVAPALQRCQTYMDIVIVLDGSNSIYPWVEVQHFLINILKKFYIGPGQIQ
VGVVQYGEDV VHEFHLNDYRSVKDVVEAASHIEQRGGTETRTAFGIEFAR
SEAFQKGGRGAKKVMIVITD GESHDSPDLEKVIQQSERDNVTRYAVAVL
GYNNRRGINPETFLNEIKYIASDPDDKHFFNVTDEAALKDIVDALGDRIF
SLEGTNKNETSFGLEMSQTGFSSHVVEDGVLLGAVGAYDWNGAVLKETSA
GKVIPLRESYLKEFPEELKNHGAYLGYTVTSVSVSSRQGRVYVAGAPRFNH
TGKVI LFTMHNNRSLTIHQAMRGQQIGSYFGSEITSVDIDGDGVTDVLLV
GAPMYFNEGRERGRKVYVYELRQNL FVYNGTLKDSHSYQNARFGSSIASVR
DLNQDSYNDV VVGAPLEDNHAGAIYIFHGFRGSILKTPKQRITASELATG
LQYFGCSIHGQLDLNEDGLIDLAVGALGNAVILWSRPV VQINASLHFEPS
KINIFHRDCKRSGRDATCLAAFLCFTPIFLAPHFQTTTVGIRYNATMDER
RYTPRAHLDEGGDRFTNRAVLLSSGQELCERINFHVLDTADYVKPVTF SV
EYSLEDPDHGPM LDDGWPTTLRVSVPFWNGCNEDEHCVPDLVLDARS DLP
TAMEYCQRVLRKPAQDCSAYTLSFDTTVFIESTRQRVAVEATLENRGEN
AYSTVLNISQSANLQFASLIQKEDSDGSIECVNEERRLQKQVCNVSYPPF
RAKAKVAFRLDFEFKSIFLHHLEIELAAGSDSNERDSTKEDNVAPLRFH
LKYEADVLFTRSSSLSHYEVKPNSSLERYDGIGPPFSCIFRIQNLGLFPI
HGMMMKITIPIATRSNRLKL RDFLTDEANTSCNIWGNSTEYRPTPVEE
DLRRAPQLNHSNSDVVSINCNIRLVPNQEINFHLLGNLWLRSLKALKYKS
MKIMVNAALQRQFHSPFIFREEDPSRQIVFEISKQEDWQVPIWIVGSTL
GGLLLLALLVLALWKLGFRRSARRRREPGLDPTPKVLE

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

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

ITGA11; HsT18964; integrin alpha-11; Integrin subunit alpha 11

Gene ID

[22801](#)

UniProt ID

[Q9UKX5](#)