

Product Information

MemDX™ Membrane Protein Human ITGA3 (Integrin subunit alpha 3) Full Length

Cat. No.: **MPC2826K**

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

This product is a made-to-order Human ITGA3 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

ITGA3

Protein Length

Full length

Protein Class

Cell adhesion

TMD

1

Sequence

MGPGPSRAPRAPRLMLCALALMVAAGGCVVSAFNLDTRFLVVKEAGNPGS
LFGYSVALHRQTERQQRYLLLAGAPRELAVPDGYTNRTGAVYLCPLTAHK
DDCERMNITVKNDPGHHIIEDMWLGVTVASQGPAGRVLVCAHRYTQVLWS
GSEDQRRMVGKCYVRGNDLELDSSDDWQTYHNEMCNSNTDYLETGMCQLG
TSGGFTQNTVYFGAPGAYNWKGN SYMIQRKEWDLSEYSYKDPEDQGNLYI
GYTMQVGSFILHPKNITIVTGAPRHRHMGAVFLLSQAAGDLRRRQVLEG
SQVGAYFGSAIALADLNNDGWQDLLVGAPYYFERKEEVGGAIYVFMNQAG
TSFPAHPSLLLHGPGSAFGLSVASIGDINQDGFQDIAVGAPFEGLGKVV
IYHSSSKGLLRQPQQVIHGEKLGLPGLATFGYSLSGQMDVDENFYPDLLV
GSLSDHIVLLRARPVINIVHKTLPVPRPAVLDPALCTATSCVQVELCFAYN
QSAGNPNYRRNITLAYTLEADRDRPPRLRFAGSESAVFHGFFSMPEMRC
QKLELLMDNLRDKLRPIISMNYSPLRMPDRPRLGLRSLDAYPILNQA
QALENHTEVQFQKECGPDNKCESNLQMRAAFVSEQQQKLSRLQYSRDVRK
LLLSINVTNTRTSERSGEDAHEALLTLVPPALLLSSVRPPGACQANETI
FCELGNPFKRNRQRMELLIAFEVIGVTLHTRDLQVQLQLSTSSHQDNLWPM
ILTLLVDYTLQTSLSMVNHLRQSFFGGTVMGESGMKTVEDVGSPLKYEFQ
VGPMGEGLVGLGTLVLGLEWPYEVSNKGWLLYPTEITVHGNGSWPCRPPG
DLINPLNLTLSDPGDRPSPQRRRRQLDPGGGQGPPPVTLAAAKKAKSET
VLTCATGRAHCWLECIPIPDAPVVTNVTVKARVWNSTFIEDYRDFDRVRV
NGWATLFLRTSIPTINMENKTTWFSVDIDSELVEELPAEIELWLVLVAVG
AGLLLLGLIILLWLKCGFFKRARTRALYEAQRQKAEMKSQPSETERLTDD
Y

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

ITGA3

Full Name

Integrin subunit alpha 3

Introduction

The gene encodes a member of the integrin alpha chain family of proteins. Integrins are heterodimeric integral membrane proteins composed of an alpha chain and a beta chain that function as cell surface adhesion molecules. The encoded preproprotein is proteolytically processed to generate light and heavy chains that comprise the alpha 3 subunit. This subunit joins with a beta 1 subunit to form an integrin that interacts with extracellular matrix proteins including members of the laminin family. Expression of this gene may be correlated with breast cancer metastasis.

Alternative Names

ITGA3; VL3A; CD49C; FRP-2; GAPB3; ILNEB; MSK18; VCA-2; VLA3a; GAP-B3; integrin alpha-3; CD49 antigen-like family member C; alpha 3 subunit of VLA-3 receptor; antigen CD49C; antigen identified by monoclonal antibody J143; galactoprotein B3; integrin alpha 3; integrin, alpha 3 (antigen CD49C, alpha 3 subunit of VLA-3 receptor); testicular tissue protein Li 96; testicular tissue protein Li 98; very late activation protein 3 receptor, alpha-3 subunit; Integrin subunit alpha 3

Gene ID

[3675](#)

UniProt ID

[P26006](#)