

Product Information

MemDX™ Membrane Protein Human ITGA9 (Integrin subunit alpha 9) Full Length

Cat. No.: **MPC4265K**

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

This product is a made-to-order Human ITGA9 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

ITGA9

Protein Length

Full length

Protein Class

Cell adhesion

TMD

1

Sequence

MGGPAAPRGAGRLRALLLALVVAGIPAGAYNLDPQRPVHFQGPADSFFGY
AVLEHFDNTRWVLVGAPKADSKYSPSVKSPGAVFKCRVHTNPDRRCTEL
DMARGKNRGTSCGKTCREDRDDEWMGVSLARQPKADGRVLACAHRWKNIY
YEADHILPHGFCYIIPSNLQAKGRTLIPCYEEYKKKYGEEHGSCQAGIAG
FFTEELVVMGAPGSFYWAGTIKVLNLT DNTYLKLNDEVIMNRRYTYLGYA
VTAGHFSPSTIDVVGAPQDKGIGKVYIFRADRRSGTLIKIFQASGKKM
GSYFGSSLCVDLNGDGLSDLLVGAPMFSEIRDEGQVTYINRGNGALEE
QLALTGDGAYNAHFGEIASLDDLNDGFPDVAIGAPKEDDFAGAVYIYH
GDAGGIVPQYSMKLSGQKINPVLRMFGQSISGGIDMDGNGYPDVTVGAFM
SDSVLLRARPVITVDVSIFLPGSINITAPQCHDGQQPVNCLNVTTCSF
HGKHVPGEIGLNYVLMADVAKKEKGQMPRVYFVLLGETMGQVTEKLQ LTY
MEETCRHYVAHV KRRVQDVISPIVFEAAYSLSEHVTGEEERELPPLTPVL
RWKKGQKIAQKNQTVFERNCRSEDCAADLQLQGKLLSSMDEKTYLALG
AVKNISL NISISNLGDDAYDANVSFNVSRELFFINMWQKEEMGISCELLE
SDFLKCSVGFPFMRSKSKYEFSVIFDTSHLSGEEEVLSFIVTAQSGNTER
SESLHDNTLVLMVPLMHEVDTSITGIMSPTS FVYGESVDAANFIQLDDLE
CHFQPINITLQVYNTGPSTLPGSSVSISFPNRLSSGGAEMFHVQEMVVGQ
EKGNC SFQKNPTPCIIPQEENIFHTIFAFFTKSGRKVLDCEKPGISCLT
AHCNFSALAKEESRTIDIYMLLNTEILKDDSSSVIQFMSRAKV KVPALR
VVEIAHGNPEEVTVVFEALHNLEPRGYVVGWIIAISLLVGILIFLLAVL
LWKMGFFRRRYKEIIEAEKNRKENEDSWDWVQKNQ

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

ITGA9

Full Name

Integrin subunit alpha 9

Introduction

This gene encodes an alpha integrin. Integrins are heterodimeric integral membrane glycoproteins composed of an alpha chain and a beta chain that mediate cell-cell and cell-matrix adhesion. The protein encoded by this gene, when bound to the beta 1 chain, forms an integrin that is a receptor for VCAM1, cytotactin and osteopontin. Expression of this gene has been found to be upregulated in small cell lung cancers.

Alternative Names

ITGA9; RLC; ITGA4L; ALPHA-RLC; integrin alpha-9; integrin alpha-RLC; Integrin subunit alpha 9

Gene ID

[3680](#)

UniProt ID

[Q13797](#)