

Product Information

MemDX™ Membrane Protein Human ICAM5 (Intercellular adhesion molecule 5) Full Length

Cat. No.: **MPC2932K**

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

This product is a made-to-order Human ICAM5 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

ICAM5

Protein Length

Full length

Protein Class

Cell adhesion

TMD

1

Sequence

MPGPSPGLRRALLGLWAALGLGLFGLSAVSQEPFWADLQPRVAFVERGGS
LWLNCSTNCPRPERRGGLETSLRRNGTQRGLRWLARQLVDIREPETQPVCF
FRCARRTLQARGLIRTFQRPDRVELMPLPPWQPVGENFTLSCRVPAGAPR
ASLTLTLLRGAQELIRRSFAGEPPRARGAVLTATVLARREDHGANFSCRA
ELDLRPHGLGLFENSSAPRELRTFSLSPDAPRLAAPRLLEVGSERPVSCT
LDGLFPASEARVYLALGDQNLSPDVTLEGDAFVATATATASAEQEGARQL
VCNVTLLGGENRETRENVTIYSFPAPLLTLSEPSVSEGMVTVTCAAGAA
LVTLEGVPAAPVGPQPAQLQLNATENDRRSFFCDATLDVDGETLIKNRSA
ELRVLYAPRLDDSDCPRSWTWPEGPEQTLRCEARGNPEPSVHCARSDGGA
VLALGLLGPVTRALSGTYRCKAANDQGEAVKDVTLTVEYAPALDSVGCPE
RITWLEGTEASLSCVAHGVPDPVICVRSGELGAVIEGLLRVAREHAGTY
RCEATNPRGSAAKNVAVTVEYGRFEPPSCPSNWTWVEGSGRLFSCEVDG
KPQPSVKCVGSGGATEGVLLPLAPPDPSRAPRIPRVLAPGIYVCNATNR
HGSVAKTVVVSAAESPPEMDESTCPHQTWLEGAEASALACAARGRPSPGV
RCSREGIPWPEQQRVSRREDAGTYHCVATNAHGTDSTRTVTGVEYRPVVAE
LAASPPGGVRPGGNFTLTCRAEAWPPAQISWRAPPGALNIGLSSNNSTLS
VAGAMGSHGGYECAATNAHGRHARRITVRVAGPWLWVAVGGAAGGAALL
AAGAGLAFYVQSTACKKGEYNVQEAESSGEAVCLNGAGGGAGGAAGAEGG
PEAAGGAAESPAEGEVFAIQLTSA

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

ICAM5

Full Name

Intercellular adhesion molecule 5

Introduction

The protein encoded by this gene is a member of the intercellular adhesion molecule (ICAM) family. All ICAM proteins are type I transmembrane glycoproteins, contain 2-9 immunoglobulin-like C2-type domains, and bind to the leukocyte adhesion LFA-1 protein. This protein is expressed on the surface of telencephalic neurons and displays two types of adhesion activity, homophilic binding between neurons and heterophilic binding between neurons and leukocytes. It may be a critical component in neuron-microglial cell interactions in the course of normal development or as part of neurodegenerative diseases.

Alternative Names

ICAM5; TLN; TLCN; ICAM-5; intercellular adhesion molecule 5, telencephalin; telencephalin; Intercellular adhesion molecule 5

Gene ID

[7087](#)

UniProt ID

[Q9UMF0](#)