

Product Information

MemDX™ Membrane Protein Human DDR2 (Discoidin domain receptor tyrosine kinase 2)

Full Length

Cat. No.: **MPC2189K**

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

This product is a 96.7 kDa Human DDR2 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

DDR2

Protein Length

Full length

Protein Class

Transferase

Molecular Weight

96.7 kDa

TMD

1

Sequence

MILIPRMLLVFLLLPILSSAKAQVNPAICRYPLGMSGGQIPDEDITASS
QWSESTAAKYGRLDSEEGDGAWCPEIPVEPDDLKEFLQIDLHLHFITLV
GTQGRHAGGGHIEFAPMYKINYSRDGTRWISWRNRHGKQVLDGNSNPYDI
FLKDLEPPIVARFVRPIPTDHSMNVCMRVELYGCVWLDGLVSYNAPAGQ
QFVLPGGSIIYLNDVYDGAVGYSMTEGLGQLTDGVSGLDDFTQTHEYHV
WPGYDYVGWRNESATNGYIEIMFEFDRIRNFTTMKVHCNNMFAKGVKIFK
EVQCYFRSEASEWEPNAISFPLVLDDVNPSARFVTVPLHHRMASAIKCQY
HFADTWMMFSEITFQSDAAMYNNEALPTSPMAPTTYDPMLKVDDSNTRI
LIGCLVAIIFILLAIIVILWRQFWQKMLEKASRRMLDDEMTVSLSLPSD
SSMFNNRSSSPSEQGSNSTYDRIFPLRPDYQEPSRLIRKLPEFAPGEEE
SGCSGVVKPVQPSGPEGVPHYAEADIVNLQGVTTGGNTYSVPAVTMDLLSG
KDVAVEEFPRKLLTFKEKLGEQGFEVHLCEVEGMEKFKDKDFALDVSAN
QPVLVAVKMLRADANKNARNDFLKEIKIMSRLKDPNIIHLLAVCITDDPL
CMITEYMENGDLNQFLSRHEPPNSSSSDVRTVSYTNLKFMATQIASGMKY
LSSLNFVHRDLATRNCLVGKNYTIKIDFGMSRNLVSGDYRIQGRAVLP
IRWMSWESILLGKFTTASDVWAFGVTLWETFTFCQEQPYSQLSDEQVIEN
TGEFFRDQGRQTYLPQPAICPDSVYKMLMLSCWRRDTKNRPSFQEIHLLL
QQGDE

Product Description

Expression Systems

HEK293

Tag

Based on specific requirements

Protein Format

Detergent or based on specific requirements

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

DDR2

Full Name

Discoidin domain receptor tyrosine kinase 2

Introduction

This gene encodes a member of the discoidin domain receptor subclass of the receptor tyrosine kinase (RTKs) protein family. RTKs play a key role in the communication of cells with their microenvironment. The encoded protein is a collagen-induced receptor that activates signal transduction pathways involved in cell adhesion, proliferation, and extracellular matrix remodeling. This protein is expressed in numerous cell types and may also be involved in wound repair and regulate tumor growth and invasiveness. Mutations in this gene are the cause of short limb-hand type spondylometaphyseal dysplasia.

Alternative Names

DDR2; TKT; WRCN; MIG20a; NTRKR3; TYRO10; discoidin domain-containing receptor 2; CD167 antigen-like family member B; cell migration-inducing protein 20; discoidin domain receptor 2; discoidin domain receptor family, member 2; discoidin domain-containing receptor tyrosine kinase 2; hydroxyaryl-protein kinase; migration-inducing gene 16 protein; neurotrophic tyrosine kinase receptor related 3; receptor protein-tyrosine kinase TKT; tyrosine-protein kinase TYRO10; Discoidin domain receptor tyrosine kinase 2

Gene ID

[4921](#)

UniProt ID

[Q16832](#)