

Product Information

MemDX™ Membrane Protein Human DDR2 (Discoidin domain receptor tyrosine kinase 2) expressed in Sf9 for Antibody Discovery

Cat. No.: **MP0115Q**

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

This product is a 44.7 kDa Human DDR2 membrane protein expressed in Sf9. 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

Partial

Protein Class

Druggable Genome, Protein Kinase, Transmembrane

Molecular Weight

44.7 kDa

TMD

1

Sequence

MILIPRMLLVLFLLLPILSSAKAQVNPAICRYPLGMSGGQIPDEDITASSQWSESTA AKYGRLDSEEGDGAWCPEIPVEPDDLKEFLQ

Product Description

Expression Systems

Sf9

Tag

C-DDK

Form

Powder

Purity

> 80% as determined by SDS-PAGE and Coomassie blue staining

Buffer

50mM Tris-HCl, pH8.0, 100mM glycine, 10% glycerol

Storage

Store at +4°C for up to one week or several months at -80°C

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

MIG20a; NTRKR3; TKT; TYRO10; WRCN; discoidin domain-containing receptor 2; CD167 antigen-like family member B; cell migration-inducing protein 20; 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; Neurotrophic tyrosine kinase, receptor-related 3; Receptor protein-tyrosine kinase TKT; Tyrosine-protein kinase TYRO10; CD167b

Gene ID

[4921](#)

UniProt ID

[Q16832](#)