

Product Information

MemDX™ Membrane Protein Human ROR2 (Receptor tyrosine kinase like orphan receptor 2) expressed in Sf9 for Antibody Discovery

Cat. No.: **MP0110Q**

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

This product is a 41.3 kDa Human ROR2 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

ROR2

Protein Length

Partial

Protein Class

Druggable Genome, Protein Kinase, Transmembrane

Molecular Weight

41.3 kDa

TMD

1

Sequence

MARGSALPRRPLLCPAVWAAAAALLSVSRTSGEVEVLDPNDPLGPLDGGDGPITLKG YFLNFLEPVNNITIVGGQTAILHCKVAGN

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**

ROR2

Full Name

Receptor tyrosine kinase like orphan receptor 2

Introduction

The protein encoded by this gene is a receptor protein tyrosine kinase and type I transmembrane protein that belongs to the ROR subfamily of cell surface receptors. The protein may be involved in the early formation of the chondrocytes and may be required for cartilage and growth plate development. Mutations in this gene can cause brachydactyly type B, a skeletal disorder characterized by hypoplasia/aplasia of distal phalanges and nails. In addition, mutations in this gene can cause the autosomal recessive form of Robinow syndrome, which is characterized by skeletal dysplasia with generalized limb bone shortening, segmental defects of the spine, brachydactyly, and a dysmorphic facial appearance.

Alternative Names

BDB; BDB1; NTRKR2; tyrosine-protein kinase transmembrane receptor ROR2; neurotrophic tyrosine kinase receptor-related 2

Gene ID

[4920](#)

UniProt ID

[TP710168](#)