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Product Information

MemDX™ Membrane Protein Human ROR2 (Receptor tyrosine kinase like orphan receptor 2, residues 34-403aa) expressed in Sf9 for Antibody Discovery

Cat. No.: **MP0100Q**
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
MARGSALPRRPLLCIPAVWAAAALLLSVSRTSGEVEVLDPNDPLGPLDGQDGPIPTLKGYFLNFLEPVNNITIVQGQTAILHCKVAGN

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

Q01974

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