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Product Information

MemDX™ Antibody Discovery - Human ROR1 (39-151, Ig-like domain) (39-151) Membrane Protein, Partial, -His tag

Cat. No.: **MP0823F**
This product is for research use only and is not intended for diagnostic use.

This membrane protein is Human ROR1 (39-151, Ig-like domain) (165-305). It has been tested in SDS-PAGE, ELISA. We provide this protein to facilitate your membrane protein antibody discovery and development.

Product Specifications

Host Species
Human

Target Protein
ROR1 (39-151, Ig-like domain)

Protein Length
ECD

Molecular Weight
The protein has a calculated MW of 13.7 kDa. The protein migrates as 30 kDa under reducing (R) condition (SDS-PAGE) due to glycosylation.

Sequence
AA Glu 39 - Gly 151 (Accession # Q01973-1)

Product Description

Activity
Yes

Application
SDS-PAGE, ELISA

Expression Systems
HEK293

Tag
His Tag at the C-terminus

Protein Format
Soluble

Form

LYOPH

Reconstitution

Please see Certificate of Analysis for specific instructions.

Endotoxin

<1.0 EU/μg by the LAL method

Purity

>95% as determined by SDS-PAGE.

Buffer

Lyophilized from 0.22 μm filtered solution in PBS, pH7.4. Normally trehalose is added as protectant before lyophilization.

Storage

Please protect from light and avoid repeated freeze-thaw cycles.
The product must be protected from light;

2-8 ° C for 12 months in liquid state.

Target

Target Protein

ROR1 (39-151, Ig-like domain)

Full Name

receptor tyrosine kinase like orphan receptor 1

Introduction

This gene encodes a receptor tyrosine kinase-like orphan receptor that modulates neurite growth in the central nervous system. The encoded protein is a glycosylated type I membrane protein that belongs to the ROR subfamily of cell surface receptors. It is a pseudokinase that lacks catalytic activity and may interact with the non-canonical Wnt signalling pathway. This gene is highly expressed during early embryonic development but expressed at very low levels in adult tissues. Increased expression of this gene is associated with B-cell chronic lymphocytic leukaemia. Alternative splicing results in multiple transcript variants encoding different isoforms.

Alternative Names

NTRKR1; dJ537F10.1; inactive tyrosine-protein kinase transmembrane receptor ROR1; neurotrophic tyrosine kinase, receptor-related 1

Gene ID

4919

UniProt ID

Q01973