

Product Information

MemDX™ Antibody Discovery - Mouse ROR1 (30-403) Membrane Protein, Partial, -His tag

Cat. No.: **MP0825F**

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

This membrane protein is Mouse ROR1 (30-403). It has been tested in SDS-PAGE. We provide this protein to facilitate your membrane protein antibody discovery and development.

Product Specifications

Host Species

Mouse

Target Protein

ROR1

Protein Length

ECD

Molecular Weight

The protein has a calculated MW of 42.9 kDa. The protein migrates as 60-66 kDa under reducing (R) condition (SDS-PAGE) due to glycosylation.

Sequence

AA Gln 30 - Glu 403 (Accession # Q9Z139)

Product Description

Application

SDS-PAGE

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

Full Name

receptor tyrosine kinase-like orphan receptor 1

Introduction

This gene encodes a receptor tyrosine kinase that has been implicated in nervous system development, specifically in the maintenance of neural progenitor cell fate, neurite extension and synapse formation. The encoded protein, likely a pseudokinase that lacks catalytic activity, may also regulate adipogenesis. Alternative splicing results in multiple transcript variants.

Alternative Names

Ntr; Ntrkr1; 2810404D04Rik; inactive tyrosine-protein kinase transmembrane receptor ROR1; neurotrophic tyrosine kinase, receptor-related 1; tyrosine-protein kinase transmembrane receptor ROR1

Gene ID

[26563](#)

UniProt ID

[Q9Z139](#)