

Product Information

MemDX™ Antibody Discovery - Mouse ROR1 (30-403) Membrane Protein, Partial, -hIgG1 Fc tag

Cat. No.: **MP0824F**

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

This membrane protein is Mouse ROR1 (39-151). 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 68.4 kDa. The protein migrates as 76-96 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

Human IgG1 Fc 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 Tris with Glycine, Arginine and NaCl, pH7.5. 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](#)