

Product Information

MemDX™ Membrane Protein Human NDOR1 (NADPH dependent diflavin oxidoreductase 1, 1 a.a. - 201 a.a.) for Antibody Discovery

Cat. No.: **MP0736X**

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

This product is a 48.8 kDa Human NDOR1 membrane protein expressed in *in vitro* wheat germ expression system. 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

NDOR1

Protein Length

Full-length

Molecular Weight

48.8 kDa

Sequence

MEGAWALPTWKEEGREQAAGQGEEEECPICTEPYGPRERRLALLNCSHGLCVGCLHRLLSASSADLGRVRCPLCRQKTPVLEW

Product Description

Application

Enzyme-linked Immunoabsorbent Assay, Western Blot (Recombinant protein), Antibody Production, Protein Array

Expression Systems

in vitro wheat germ expression system

Tag

GST-tag at N-terminal

Form

Liquid

Purification

Glutathione Sepharose 4 Fast Flow

Buffer

50 mM Tris-HCl, 10 mM reduced Glutathione, pH=8.0 in the elution buffer

Storage

Store at +4°C for up to one week or several months at -80°C

Target**Target Protein**

NDOR1

Full Name

NADPH dependent diflavin oxidoreductase 1

Introduction

This gene encodes an NADPH-dependent diflavin reductase that contains both flavin mononucleotide (FMN) and flavin adenine dinucleotide (FAD) binding domains. The encoded protein catalyzes the transfer of electrons from NADPH through FAD and FMN cofactors to potential redox partners. Alternative splicing results in multiple transcript variants

Alternative Names

NR1; CIAE1; bA350O14.9

Gene ID

[27158](#)

UniProt ID

[Q9UHB4](#)