

Product Information

MemDX™ Membrane Protein Human NXNL1 (Nucleoredoxin like 1) for Antibody Discovery

Cat. No.: **MP0826X**

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

This product is a 50.3 kDa Human NXNL1 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

NXNL1

Protein Length

Full-length

Molecular Weight

50.3 kDa

Sequence

MASLFSGRILIRNNSDQDELDTAEVSRRLENRLVLLFFGAGACPQCQAFVPILKDFVRLTDEFYVLRAAQLALVYVSQDSTEEQQ

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**

NXNL1

Full Name

Nucleoredoxin like 1

Introduction

Retinitis pigmentosa (RP) is a disease that leads to blindness by degeneration of cone photoreceptors. Rods produce factors required for cone viability. The protein encoded by this gene is one of those factors and is similar to a truncated form of thioredoxin. This gene has been proposed to have therapeutic value against RP.

Alternative Names

RDCVF; TXNL6; nucleoredoxin-like protein 1; rod-derived cone viability factor; thioredoxin-like 6; thioredoxin-like protein 6

Gene ID

[115861](#)

UniProt ID

[Q96CM4](#)