

Product Information

MemDX™ Membrane Protein Human NUP43 (Nucleoporin 43) for Antibody Discovery

Cat. No.: **MP0821X**

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

This product is a 68.6 kDa Human NUP43 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

NUP43

Protein Length

Full-length

Molecular Weight

68.6 kDa

Sequence

MEEIYAKFVSQKISKTRWRPLPPGSLQTAETFATGSDNEENYISLWSIGDFGNLSDGGFEGDHQLLCDIRHHGDVMDLQFFDQ

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**

NUP43

Full Name

Nucleoporin 43

Introduction

Bidirectional transport of macromolecules between the cytoplasm and nucleus occurs through nuclear pore complexes (NPCs) embedded in the nuclear envelope. NPCs are composed of subcomplexes, and NUP43 is part of one such subcomplex, Nup107-160.

Alternative Names

p42; bA350J20.1; nucleoporin Nup43; nucleoporin 43kDa; nup107-160 subcomplex subunit Nup43

Gene ID

[348995](#)

UniProt ID

[Q8NFH3](#)