

Product Information

MemDX™ Membrane Protein Human NUP42 (Nucleoporin 42) for Antibody Discovery

Cat. No.: **MP0825X**

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

This product is a 50.38 kDa Human NUP42 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

NUP42

Protein Length

Full-length

Molecular Weight

50.38 kDa

Sequence

MAICQFFLQGRCRFGDRCWNEHPGARGAGGGRRQQPQQQPSGNNRRGWNTTSQRYSNVIQPSSFSKSTPWGGSRDQEKPYFSS

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**

NUP42

Full Name

Nucleoporin 42

Introduction

Required for the export of mRNAs containing poly(A) tails from the nucleus into the cytoplasm; (Microbial infection) In case of infection by HIV-1, it may participate in the docking of viral Vpr at the nuclear envelope.

Alternative Names

CG1; hCG1; NLP-1; NLP_1; NUPL2; nucleoporin NUP42; H_RG271G13.9; NUP42 homolog; nucleoporin hCG1; nucleoporin like 2; nucleoporin-like protein 1; nucleoporin-like protein 2

Gene ID

[11097](#)

UniProt ID

[O15504](#)