

Product Information

MemDX™ Membrane Protein Human NUP85 (Nucleoporin 85) for Antibody Discovery

Cat. No.: **MP0823X**

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

This product is a 97.9 kDa Human NUP85 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

NUP85

Protein Length

Full-length

Molecular Weight

97.9 kDa

Sequence

MEELDGEPTVTLIPGVNSKKNQMYFDWGPGEMLVCETSFNKEKSEMPSCPFIYIIRKDVDVYSQILRKLNFNESHGIFLGLQRIDE

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

NUP85

Full Name

Nucleoporin 85

Introduction

This gene encodes a protein component of the Nup107-160 subunit of the nuclear pore complex. Nuclear pore complexes are embedded in the nuclear envelope and promote bidirectional transport of macromolecules between the cytoplasm and nucleus. The encoded protein can also bind to the C-terminus of chemokine (C-C motif) receptor 2 (CCR2) and promote chemotaxis of monocytes, thereby participating in the inflammatory response. Alternative splicing results in multiple transcript variants.

Alternative Names

Nup75; FROUNT; NPHS17; nuclear pore complex protein Nup85; nucleoporin 85kDa; nucleoporin Nup75; nucleoporin Nup85; 85 kDa nucleoporin; Pericentrin-1

Gene ID

[79902](#)

UniProt ID

[Q9BW27](#)