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Product Information

MemDX™ Membrane Protein Human NPR3 (Natriuretic peptide receptor 3) Expressed in Yeast for Antibody Discovery, Partial (27-481aa)

Cat. No.: **MPX3739K**
This product is for research use only and is not intended for diagnostic use.

This product is a 53.4 kDa Human NPR3 membrane protein expressed in Yeast. 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
NPR3

Protein Length
Partial (27-481aa)

Protein Class
Receptor

Molecular Weight
53.4 kDa

TMD
1

Sequence
GGVGGGGGGAGIGGGRQEREALPPQKIEVLVLLPQDDSYLFSLTRVRPAIEYALRSVEGNGTGRRLLPPGTRFQVAYEDSDCGNR

Product Description

Expression Systems
Yeast

Tag
6xHis and Myc tag at the C-terminus

Protein Format
Soluble

Form

Liquid or Lyophilized powder

Purity

>90% as determined by SDS-PAGE.

Buffer

Tris-based buffer,50% glycerol

Storage

Aliquot and store at -20°C or lower. For long term storage, we recommend to store at -70°C or lower. Avoid freeze/thaw cycles.

Target

Target Protein

NPR3

Full Name

Natriuretic peptide receptor 3

Introduction

This gene encodes one of three natriuretic peptide receptors. Natriutetic peptides are small peptides which regulate blood volume and pressure, pulmonary hypertension, and cardiac function as well as some metabolic and growth processes. The product of this gene encodes a natriuretic peptide receptor responsible for clearing circulating and extracellular natriuretic peptides through endocytosis of the receptor. Multiple transcript variants encoding different isoforms have been found for this gene.

Alternative Names

NPR3; NPRC; ANP-C; ANPRC; NPR-C; ANPR-C; GUCY2B; C5orf23; atrial natriuretic peptide receptor 3; atrial natriuretic peptide clearance receptor; atrial natriuretic peptide receptor type C; atrionatriuretic peptide receptor C; guanylate cyclase C; natriuretic peptide receptor C/guanylate cyclase C (atrionatriuretic peptide receptor C); Natriuretic peptide receptor 3

Gene ID

4883

UniProt ID

P17342

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