

Product Information

MemDX™ Membrane Protein Human NPR3 (Natriuretic peptide receptor 3) Expressed *in vitro* E.coli expression system, Full Length of Mature Protein

Cat. No.: **MPX3955K**

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

This product is a Human NPR3 membrane protein expressed *in vitro* E.coli 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

NPR3

Protein Length

Full Length of Mature Protein

Protein Class

Receptor

TMD

1

Sequence

GGVGGGGGGAGIGGGGRQEREALPPQKIEVLVLLPQDDSYLFSLTRVRPAIEYALRSVEGNGTGRRLLPPGTRFQVAYEDSDCGNR

Product Description

Expression Systems

in vitro E.coli expression system

Tag

10xHis tag at the N-terminus

Protein Format

Soluble

Form

Liquid or Lyophilized powder

Buffer

Tris/PBS-based buffer, 6% Trehalose, pH 8.0

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. Natriuretic 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; BOMOS; 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](#)