

Product Information

MemDX™ Membrane Protein Human NPR3 (Natriuretic peptide receptor 3) Full Length

Cat. No.: **MPC2471K**

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

This product is a made-to-order Human NPR3 membrane protein expressed in HEK293. 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

Protein Class

Receptor

TMD

1

Sequence

MPSLLVLTFSPCVLLGWALLAGGTGGGGVGGGGGGAGIGGGRQERREALPP
QKIEVLVLLPQDDSYLFSLTRVPAIEYALRSVEGNGTGRRLPPGTRFQ
VAYEDSDCGNRALFSLVDRVAAARGAKPDLILGPVCEYAAAPVARLASHW
DLPMLSAGALAAGFQHKDSEYSHLTRVAPAYAKMGEMMLALFRHHHWSRA
ALVYSDDKLERNICYFTLEGVHEVFQEEGLHTSIYSFDETKDLDLEDIVRN
IQASERVVIMCASSDTIRSIMLVAAHRHGMTSGDYAFFNIELFNSSSYGDG
SWKRGDKHDFEAKQAYSSLQTVTLRLTVKPEFEKFSMEVKSSVEKQGLNM
EDYVNMFVEGFHDAILLYVLALHEVLRAGYSKKDGGKIIQQTWNRTFEG
AGQVSIDANGDRYGDFSVIAMTDVEAGTQEVIGDYFGKEGRFEMRPNVKY
PWGPLKLRIENRIVEHTNSSPCKSSGGLEESAVTGIVVGALLGAGLLMA
FYFFRKKYRITIERRTQQEESNLGKHRELREDSIRSHFSVA

Product Description

Expression Systems

HEK293

Tag

Based on specific requirements

Protein Format

Detergent or based on specific requirements (Detergent, Liposome, Nanodisc, Polymer, VLP)

Form

Liquid

Storage

Aliquot and store at -20°C or lower. For long term storage, we recommend to store at -72°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; 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](#)