Datasheet for ABIN7319905

NPR3 Protein (Fc Tag)

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1 Image

Overview

Quantity:	50 µg
Target:	NPR3
Origin:	Human
Source:	Human Cells
Protein Type:	Recombinant
Purification tag / Conjugate:	This NPR3 protein is labelled with Fc Tag.

Product Details

Purpose:	Recombinant Human NPRC/NPR3 (C-Fc)
Sequence:	Thr24-Glu481
Characteristics:	Recombinant Human Atrial Natriuretic Peptide Receptor 3 is produced by our Mammalian expression system and the target gene encoding Thr24-Glu481 is expressed with a Fc tag at the C-terminus.
Purity:	>95 % as determined by reducing SDS-PAGE.
Endotoxin Level:	< 1.0 EU per µg as determined by the LAL method.

Target Details

Target:	NPR3
Alternative Name:	NPRC/NPR3 (NPR3 Products)
Background:	Background: Atrial Natriuretic Peptide Receptor-3 (NPR3), also known as NPRC or ANPR-C, is one of the three natriuretic peptide receptors, is a type I transmembrane glycoprotein. The

Target Details

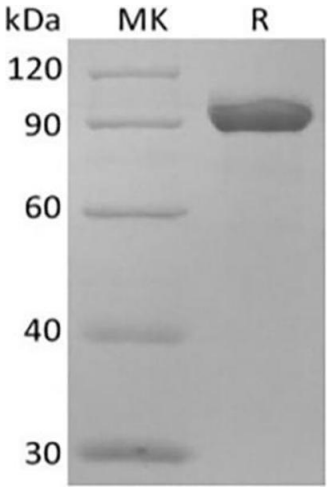
	natriuretic system is key to the maintenance of vascular tone and cardiovascular homeostasis. Receptor for the natriuretic peptide hormones, binding with similar affinities atrial natriuretic peptide NPPA/ANP, brain natriuretic peptide NPPB/BNP, and C-type natriuretic peptide NPPC/CNP. May function as a clearance receptor for NPPA, NPPB and NPPC, regulating their local concentrations and effects. Osteocrin was found to be a specific ligand to NPR3. NPR3 is necessary for Osteocrin to regulate femoral, tibial, and metatarsal bone elongation. Synonym: ANP-C, ANPR-C, NPR3, NPRC, NPR-C,ANPRC, C5orf23
Molecular Weight:	77.5 kDa
UniProt:	P17342
Pathways:	cAMP Metabolic Process

Application Details

Restrictions:	For Research Use only

Handling

Format:	Lyophilized
Reconstitution:	Please refer to the printed manual for detailed information.
Buffer:	Lyophilized from a 0.2 µm filtered solution of PBS, pH 7.4.
Storage:	4 °C,-20 °C,-80 °C
Storage Comment:	Generally, lyophilized proteins are stable for up to 12 months when stored at -20 to -80°C. Reconstituted protein solution can be stored at 4-8°C for 2-7 days. Aliquots of reconstituted samples are stable at < -20°C for 3 months.



Western Blotting
Image 1.