Datasheet for ABIN7583290

NPR1 Protein (AA 29-469) (mFc Tag)

Go to Product page

Overview

Quantity:	100 µg
Target:	NPR1
Protein Characteristics:	AA 29-469
Origin:	Mouse
Source:	HEK-293 Cells
Protein Type:	Recombinant
Purification tag / Conjugate:	This NPR1 protein is labelled with mFc Tag.

Product Details

Purpose:	Mouse NPR1/NPRA Protein
Sequence:	Ser29-Glu469
Characteristics:	Recombinant Mouse NPR1/NPRA Protein is expressed from HEK293 with mFc (IgG1) tag at the C-terminus.It contains Ser29-Glu469.
Purity:	> 95 % as determined by Tris-Bis PAGE
Sterility:	0.22 µm filtered
Endotoxin Level:	Less than 1EU per µg by the LAL method.

Target Details

Target:	NPR1
Alternative Name:	NPR1 (NPR1 Products)

Target Details

Background:	NPR1 (natriuretic peptide receptor 1), a receptor of ANP (atrial natriuretic peptide) whitch acting through NPR1, provokes hypotension. NPR1 was abundantly expressed in endothelial cells and smooth muscle cells of small arteries and arterioles. NPR1 plays a crucial role in ANP-mediated blood pressure regulation, presumably by a mechanism that is RGS2-dependent in the acute phase and RGS2-independent in the chronic phase.
Molecular Weight:	74.92 kDa. Due to glycosylation, the protein migrates to 75-105 kDa based on Tris-Bis PAGE result.
NCBI Accession:	NP_032753

Application Details

Restrictions:	For Research Use only

Handling

Format:	Liquid
Buffer:	Supplied as 0.22 μm filtered solution in PBS (pH 7.4).
Storage:	-80 °C
Storage Comment:	Valid for 12 months from date of receipt when stored at -80°C., Recommend to aliquot the protein into smaller quantities for optimal storage. Please minimize freeze-thaw cycles.
Expiry Date:	12 months