Datasheet for ABIN1474548

NPR3 Protein (AA 41-477) (His tag)

Go to Product page

Overview

Quantity:	1 mg
Target:	NPR3
Protein Characteristics:	AA 41-477
Origin:	Rat
Source:	Yeast
Protein Type:	Recombinant
Purification tag / Conjugate:	This NPR3 protein is labelled with His tag.
Application:	ELISA

Product Details

Sequence:	EALAAQKIEV LVLLPRDDSY LFSLARVRPA IEYALRSVEG NGTGRKLLPP GTRFQVAYED SDCGNRALFS LVDRVAAARG AKPDLILGPV CEYAAAPVAR LASHWDLPML SAGALAAGFQ HKDTEYSHLT RVAPAYAKMG EMMLALFRHH HWSRAALLYS DDKLERNCYF TLEGVHEVFQ EEGLHTSAYN FDETKDLDLD DIVRYIQGSE RVVIMCASGD TIRRIMLAVH RHGMTSGDYA FFNIELFNSS SYGDGSWKRG DKHDFEAKQA YSSLQTVTLL RTAKPEFEKF SMEVKSSVEK QGLNEEDYVN MFVEGFHDAI LLYVLALHEV LRAGYSKKDG GKIIQQTWNR TFEGIAGQVS IDANGDRYGD FSVVAMTDTE AGTQEVIGDY FGKEGRFKMR SNVKYPWGSL KLRIDETRIV EHTNSSPCKS CGLEESA
Specificity:	Rattus norvegicus (Rat)
Characteristics:	Please inquire if you are interested in this recombinant protein expressed in E. coli, mammalien cells or by baculovirus infection. Be aware about differences in price and lead time.

Product Details

Purity:	> 90 %

Target Details

Target:	NPR3
Abstract:	NPR3 Products
Background:	Recommended name: Atrial natriuretic peptide receptor 3. Alternative name(s): Atrial natriuretic peptide clearance receptor Atrial natriuretic peptide receptor type C. Short name= ANP-C. Short name= ANPR-C. Short name= NPR-C
UniProt:	P41740
Pathways:	cAMP Metabolic Process

Application Details

Comment:	The yeast protein expression system is the most economical and efficient eukaryotic system for secretion and intracellular expression. A protein expressed by the mammalian cell system is of very high-quality and close to the natural protein. But the low expression level, the high cost of medium and the culture conditions restrict the promotion of mammalian cell expression systems. The yeast protein expression system serve as a eukaryotic system integrate the advantages of the mammalian cell expression system. A protein expressed by yeast system could be modificated such as glycosylation, acylation, phosphorylation and so on to ensure the native protein conformation. It can be used to produce protein material with high added value that is very close to the natural protein. Our proteins produced by yeast expression system has been used as raw materials for downstream preparation of monoclonal antibodies.
Restrictions:	For Research Use only

Handling

Format:	Lyophilized
Concentration:	0.2-2 mg/mL
Buffer:	Tris-based buffer, 50 % glycerol
Handling Advice:	Repeated freezing and thawing is not recommended. Store working aliquots at 4 °C for up to

Handling

	one week
Storage:	-20 °C
Storage Comment:	Store at -20 °C, for extended storage, conserve at -20 °C or -80 °C.

