

Datasheet for ABIN1474120
NPR1 Protein (AA 29-469) (His tag)



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Overview

Quantity:	1 mg
Target:	NPR1
Protein Characteristics:	AA 29-469
Origin:	Rat
Source:	Yeast
Protein Type:	Recombinant
Purification tag / Conjugate:	This NPR1 protein is labelled with His tag.
Application:	ELISA

Product Details

Sequence:	SD LTVAVVPLT NTSYPWSWAR VGPAVELALA RVKARPDLLP GWTVRMVLGS SENAAGVCSD TAAPLAAVDL KWEHSPAVFL GPGCVYSAAP VGRFTAHRV PLLTAGAPAL GIGVKDEYAL TTRTGPSHVK LGDFVTALHR RLGWEHQALV LYADRLGDDR PCFFIVEGLY MRVRERLNIT VNHQEFVEGD PDHYPKLLRA VRRKGRVIYI CSSPDAFRNL MLLALNAGLT GEDYVFFHLD VFGQSLKSAQ GLVPQKPWER GDGQDRSARQ AFQAAKIITY KEPDNPEYLE FLKQLKLLAD KKFNFTVEDG LKNIIPASFH DGLLLYVQAV TETLAQGGTV TDGENITQRM WNRSFQGVGTG YLKIDRNGDR DTDFSLWDM PETGAFRVVL NYNGTSQELM AVSEHKLYWP LGYPPPDVVK CGFDNEDPAC NQDHFSTLE
Specificity:	Rattus norvegicus (Rat)
Characteristics:	Please inquire if you are interested in this recombinant protein expressed in E. coli, mammalian cells or by baculovirus infection. Be aware about differences in price and lead time.

Product Details

Purity: > 90 %

Target Details

Target: NPR1

Alternative Name: Atrial natriuretic peptide receptor 1 (Npr1) ([NPR1 Products](#))

Background: Recommended name: Atrial natriuretic peptide receptor 1.
EC= 4.6.1.2.
Alternative name(s): Atrial natriuretic peptide receptor type A.
Short name= ANP-A.
Short name= ANPR-A.
Short name= NPR-A Guanylate cyclase A.
Short name= GC-A

UniProt: [P18910](#)

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 modified 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.