

Datasheet for ABIN1459917
NPR2 Protein (AA 17-458) (His tag)



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Overview

Quantity:	1 mg
Target:	NPR2
Protein Characteristics:	AA 17-458
Origin:	Cow
Source:	Yeast
Protein Type:	Recombinant
Purification tag / Conjugate:	This NPR2 protein is labelled with His tag.
Application:	ELISA

Product Details

Sequence:	VRPP GARNLTLAVV LPEHNLSYAW AWPRVGPAVA LAMEALGRAL PVDLRFVSSE LDGACSEYLA PLRAVDLKLKLY HDPDLLLGGP CVYPAASVAR FASHWRLPLL TAGAVASGFS AKSEHYRTLK RTGPSAPKLG EFVVMLHGHF NWTARAALLY LDARTDDRPH YFTIEGVFEA LQGSNLSVQH QVYAREPGGP EQATHFIRAN GRIVYICGPL EMLHEILLQA QRENLTNGDY VFFYLDVFGE SLRAGPTRSM GRPWQDNRTR EQAQUALREAF QTVLVITYRE PPNPEYQEFQ NRLLIRARED FGVELAPSLM NLIAGCFYDG ILLYAEVLNE TIQEGGTRED GLRIVEKMQG RRYRGVTGLV VMDKNNDRET DFVLWAMGDL VSGDFQPAAH YSGAEKQIWW TGRPIPWVKG VPPLDNPPCA FDMDDPSCDK TPLSTLAI
Specificity:	Bos taurus (Bovine)
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: NPR2

Alternative Name: Atrial natriuretic peptide receptor 2 (NPR2) ([NPR2 Products](#))

Background: Recommended name: Atrial natriuretic peptide receptor 2.
EC= 4.6.1.2.
Alternative name(s): Atrial natriuretic peptide receptor type B.
Short name= ANP-B.
Short name= ANPR-B.
Short name= NPR-B Guanylate cyclase B.
Short name= GC-B

UniProt: [P46197](#)

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.