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Datasheet for ABIN1459585 NPR3 Protein (AA 42-477) (His tag)

Overview

Quantity:	1 mg
Target:	NPR3
Protein Characteristics:	AA 42-477
Origin:	Cow
Source:	Yeast
Protein Type:	Recombinant
Purification tag / Conjugate:	This NPR3 protein is labelled with His tag.
Application:	ELISA

Product Details

Sequence:	<p>EALPPQKIE VLVLLPQDDS YLFSLARVRP AIEYALRTVE GNATGRLLP AGTRFQVAYE</p> <p>DSDCGNRALF SLVDRVAAAR GAKPDLILGP VCEYAAAPVA RLASHWDLPM LSAGALAAGF</p> <p>QHKDTEYSHL TRVAPSYAKM GEMMLALFRH HQWSRAVLVY SDDKLERNCF FTLEGVHEVF</p> <p>QEEGLHTSAY NFDETKDLDL EDIVRHIQAS ERVVMCASS DTIRGIMLAA HRHGMTSGDY</p> <p>AFFNIELFNS SFYGDGSWKR GDKHDFEAKQ AYSSLQTITL LRTVKPEFEK FSMEVKSSVE</p> <p>KQGLSEEDYV NMFVEGFHDA ILLYVLALRE VLRAGYSKKD GKKIIQQTWN RTFEGIAGQV</p> <p>SIDANGDRYG DFSVIAMTDT EAGTQEVIGD YFGKEGRFEM RPNVKYPWGP LKLRIDETRM</p> <p>VEHTNSSPCK ASGGLEE</p>
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: 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: [P10730](#)

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 modiflicated 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.