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Datasheet for ABIN1621270

**RASGEF1B Protein (AA 1-472) (His tag)**

## Overview

Quantity:	1 mg
Target:	RASGEF1B
Protein Characteristics:	AA 1-472
Origin:	Xenopus tropicalis
Source:	Yeast
Protein Type:	Recombinant
Purification tag / Conjugate:	This RASGEF1B protein is labelled with His tag.
Application:	ELISA

## Product Details

Sequence:	MPQTPTLVAM FDSSSFHRNL YQSKEESCSE LYYQDNNLLS GSLEALIQHL VPNVDYYPDR TYIFTLLSS RLFHPSELM ARVCHVCMEQ QRLNEPGLDK SQVRKIAPKI LQLLTEWTET FPYDFRDERM MRNLKDTAHR ITNGDEMYRK NVQQIIQNLI RKLASLTQYE ELITKINAQS TDRMTVLKTK PQSIQRDIIT VCSDPYTVAQ QLTHIELERL SYIGPEEFVQ AFVQKDPLDN NENCYSDRKK PRNLEAYVEW FNRLSYLVAT EICMPVKKKH RARMIEFFID VARECFNIGN FNSLMAISG MNMSPVSRLK KTWAKVKTAK FDILEHQMDP SSNFYNYRTA LRGAAQRSLT AHSNREKIVI PFCSLLIKDI YFLNEGCTSR LPNGHVNFEK FWELAKQVSE FMTWKQVECP FEKDRKILHY VLTAPIFSED ALYLASYESE GPENHIEKDR WKTLRSALLG RA
Specificity:	Xenopus tropicalis (Western clawed frog) (Silurana tropicalis)
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: RASGEF1B

Alternative Name: Ras-GEF domain-containing family member 1B (rasgef1b) ([RASGEF1B Products](#))

Background: Recommended name: Ras-GEF domain-containing family member 1B

UniProt: [Q28EC1](#)

## 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 one week

**Storage:** -20 °C

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