Datasheet for ABIN7585318

NPX1 Protein (AA 23-432) (His tag)

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Overview

Quantity:	100 µg
Target:	NPX1
Protein Characteristics:	AA 23-432
Origin:	Rat
Source:	Yeast
Protein Type:	Recombinant
Purification tag / Conjugate:	This NPX1 protein is labelled with His tag.
Application:	ELISA

Product Details

Sequence:	QDFGPTRF ICTSVPVDAD MCAASVAAGG AEELRSNVLQ LRETVLQQKE TILSQKETIR ELTTKLGRCE SQSTLDAGPG EARSGGGRKQ PGSGKNTMGD LSRTPASETL SQLGQTLQSL KTRLENLEQY SRLNSSSQTN SLKDLLQSKI DDLERQVLSR VNTLEEGKGG PKNDTEERAK IESALTSLHQ RISELEKGQK DNRPGDKFQL TFPLRTNYMY AKVKKSLPEM YAFTVCMWLK SSAAPGVGTP FSYAVPGQAN ELVLIEWGNN PMEILINDKV AKLPFVINDG KWHHICVTWT TRDGVWEAYQ DGTQGGNGEN LAPYHPIKPQ GVLVLGQEQD TLGGGFDATQ AFVGELAHFN IWDRKLTPGE VYNLATCSSK ALSGNVIAWA ESQIEIFGGA TKWTFEACRQ IN
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.
Purity:	> 90 %

Target Details

Target:	NPX1
Alternative Name:	Neuronal pentraxin-1 (Nptx1) (NPX1 Products)
Background:	Recommended name: Neuronal pentraxin-1. Short name= NP1. Alternative name(s): 47 kDa taipoxin-binding protein Neuronal pentraxin I. Short name= NP-I
UniProt:	P47971
Pathways:	Carbohydrate Homeostasis, Regulation of Cell Size, Signaling Events mediated by VEGFR1 and VEGFR2, Smooth Muscle Cell Migration, Platelet-derived growth Factor Receptor Signaling, VEGFR1 Specific Signals, SARS-CoV-2 Protein Interactome

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 one week
Storage:	-20 °C

Handling

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