Datasheet for ABIN7590470

PYROXD2 Protein (AA 1-581) (His tag)

1 Publication

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Overview

Quantity:	100 µg
Target:	PYROXD2 (C10ORF33)
Protein Characteristics:	AA 1-581
Origin:	Rat
Source:	Yeast
Protein Type:	Recombinant
Purification tag / Conjugate:	This PYROXD2 protein is labelled with His tag.
Application:	ELISA

Product Details

Sequence:	MAASGRGLSR ALHSTPCPAW KRVQSGANGC LKPEYDAVVI GAGHNGLVAA AYLQRLGVNT AVFERRHVIG GAAVTEEIIP GFKFSRASYL LSLLRPQIYT DLELKKHGLK LHLRNPYSFT PMLEEGTLSK PPRSLLLGTD VAENQKQISQ FSRKDAQAFP RYEEFMKRLV LAIDPLLDAA PVDIAALQHG SLLQRLRALS TLRPLLKAGR TLGAQLPQYY EVLTAPISKV LDQWFESEPL KATLATDAVI GAMTSPHTPG SGYVLLHHVM GSLEGMQGAW SYVQGGMGAL SDAIASSATA HGASIFTEKT VAKVQVNSEG RVQGVVLQGG EEVRSRVVLS CASPQVTFLE LTPQEWLPGA FVKRISQLDT QSPVTKINVA VDRLPNFQAA PNAPGDQPQA HHQCSIHLNC EDTLLLHQAF EDAKGGLPSQ RPMIELCIPS SLDPTLAPTG CHVVSLFTQY TPYTLAGGKV WDEQKKNTYA DKVFDCIEAY APGFKRSVLG RDILTPQDLE RIFGLPGGNI FHGAMSLDQL YFARPVPQHS DYRCPVQGLY LCGSGAHPGG GVMGAAGRNA AHIVFRDLKN M
Specificity:	Rattus norvegicus (Rat)
Characteristics:	Please inquire if you are interested in this recombinant protein expressed in E. coli, mammalien

Product Details

	cells or by baculovirus infection. Be aware about differences in price and lead time.
Purity:	> 90 %

Target Details

Target:	PYROXD2 (C10ORF33)
Alternative Name:	Pyridine nucleotide-disulfide oxidoreductase domain-containing protein 2 (Pyroxd2) (C10ORF33 Products)
Background:	Recommended name: Pyridine nucleotide-disulfide oxidoreductase domain-containing protein 2. EC= 1.-.-.-
UniProt:	Q68FT3

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

Handling

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

Publications

Product cited in:	Yang, Li, Xu: "Antioxidant therapy improves non-thyroidal illness syndrome in uremic rats." in: **Renal failure**, Vol. 38, Issue 4, pp. 514-20, (2017) (PubMed).