Datasheet for ABIN7591373

TXNRD2 Protein (AA 22-511) (His tag)

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Overview

Quantity:	100 µg
Target:	TXNRD2
Protein Characteristics:	AA 22-511
Origin:	Cow
Source:	Yeast
Protein Type:	Recombinant
Purification tag / Conjugate:	This TXNRD2 protein is labelled with His tag.
Application:	ELISA

Product Details

Sequence:	AAGRQCYDL LVIGGGSGGL ACAKEAAQLG KKVAVLDYVE PSPQGTRWGL GGTCVNVGCI PKKLMHQAAL LGGMIRDAPH YGWGVAQAPH SWATLADAVQ NHVKSLNWGH RIQLQDRKVK YFNVKASFVD THTVCGVSKG GEETLLSAEH IVIATGGRPR YPTHIEGALE YGITSDDLFW LKESPGKTLV VGASYVALEC AGLLTGLGLD TTVMIRSVPL RAFDQQMASL VTEHMAGHGT RILRGCAPEK VEKLPGQQLR VTWVDLTSDR KDAGTFDTVL WAIGRVPETA SLNLEKAGVH TNPVTGKILV DAQETTSVPH IYAIGDVAEG RPELTPTAIM AGRLLAQRLS GRTSDLMDYS SVPTTVFTPL EYGCVGLSEE AAVARHGEEH VEVYHAFYKP LEFTVPQRDA SQCYIKMVCL REPPQLVLGL HFLGPNAGEV IQGFALGIKC GASYQQLMRT VGIHPTCAEE VAKLRISKRS GLDPTVTGCU G
Specificity:	Bos taurus (Bovine)
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.

Product Details

Purity:	> 90 %

Target Details

Target:	TXNRD2
Alternative Name:	Thioredoxin reductase 2, mitochondrial (TXNRD2) (TXNRD2 Products)
Background:	Recommended name: Thioredoxin reductase 2, mitochondrial. EC= 1.8.1.9. Alternative name(s): Thioredoxin reductase TR3
UniProt:	Q9N2I8
Pathways:	Cell RedoxHomeostasis

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.