Datasheet for ABIN7478913

Ferredoxin Reductase Protein (FDXR) (AA 33-492) (His tag)

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Overview

Quantity:	100 µg
Target:	Ferredoxin Reductase (FDXR)
Protein Characteristics:	AA 33-492
Origin:	Cow
Source:	Yeast
Protein Type:	Recombinant
Purification tag / Conjugate:	This Ferredoxin Reductase protein is labelled with His tag.
Application:	ELISA

Product Details

Sequence:	STQEQTPQ ICVVGSGPAG FYTAQHLLKH HSRAHVDIYE KQLVPFGLVR FGVAPDHPEV KNVINTFTQT ARSDRCAFYG NVEVGRDVTV QELQDAYHAV VLSYGAEDHQ ALDIPGEELP GVFSARAFVG WYNGLPENRE LAPDLSCDTA VILGQGNVAL DVARILLTPP DHLEKTDITE AALGALRQSR VKTVWIVGRR GPLQVAFTIK ELREMIQLPG TRPMLDPADF LGLQDRIKEA ARPRKRLMEL LLRTATEKPG VEEAARRASA SRAWGLRFFR SPQQVLPSPD GRRAAGIRLA VTRLEGIGEA TRAVPTGDVE DLPCGLVLSS IGYKSRPIDP SVPFDPKLGV VPNMEGRVVD VPGLYCSGWV KRGPTGVITT TMTDSFLTGQ ILLQDLKAGH LPSGPRPGSA FIKALLDSRG VWPVSFSDWE KLDAEEVSRG QASGKPREKL LDPQEMLRLL GH
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:	Ferredoxin Reductase (FDXR)
Alternative Name:	NADPH:adrenodoxin oxidoreductase, mitochondrial (FDXR) (FDXR Products)
Background:	Recommended name: NADPH:adrenodoxin oxidoreductase, mitochondrial. Short name= AR. Short name= Adrenodoxin reductase. EC= 1.18.1.2. Alternative name(s): Ferredoxin--NADP(+) reductase. Short name= Ferredoxin reductase
UniProt:	P08165

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.

