



[Go to Product page](#)

Datasheet for ABIN1475173  
**NQ01 Protein (AA 2-274) (His tag)**

### Overview

Quantity:	1 mg
Target:	NQ01
Protein Characteristics:	AA 2-274
Origin:	Rat
Source:	Yeast
Protein Type:	Recombinant
Purification tag / Conjugate:	This NQ01 protein is labelled with His tag.
Application:	ELISA

### Product Details

Sequence:	AVRRALIVL AHAERTSFNY AMKEAAVEAL KKKGWEEVES DLYAMNFNPL ISRNDITGEP KDSENFQYPV ESSLAYKEGR LSPDIVAEQK KLEAADLVIF QFPLYWFGVP AILKGWFERV LVAGFAYTYA TMYDKGPFQK KKTLLSITTG GSGSMYSLQG VHGD MNVILW PIQSGILRFC GFQVLEPQLV YSIGHTPPDA RVQVLEGWKK RLETVWEESP LYFAPSSLFD LNFQAGFLLK KEVQEEQKKN KFGLSVGHHL GKSIPADNQL KARK
Specificity:	Rattus norvegicus (Rat)
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.
Purity:	> 90 %

## Target Details

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Target:	NQ01
Alternative Name:	NAD (P)H dehydrogenase [quinone] 1 (Nqo1) ( <a href="#">NQ01 Products</a> )
Background:	Recommended name: NAD(P)H dehydrogenase [quinone] 1. EC= 1.6.5.2. Alternative name(s): Azoreductase DT-diaphorase. Short name= DTD Menadione reductase NAD(P)H:quinone oxidoreductase 1 Phylloquinone reductase Quinone reductase 1. Short name= QR1
UniProt:	<a href="#">P05982</a>

## Application Details

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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 modiflicated 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

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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.