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Datasheet for ABIN1640350

**SDHA Protein (AA 36-656) (His tag)**

## Overview

Quantity:	1 mg
Target:	SDHA
Protein Characteristics:	AA 36-656
Origin:	Rat
Source:	Yeast
Protein Type:	Recombinant
Purification tag / Conjugate:	This SDHA protein is labelled with His tag.
Application:	ELISA

## Product Details

Sequence:	SAKVS DAISTQYPVV DHEFDAVVVG AGGAGLRAAF GLSEAGFNTA CLTKLFPTRS HTVAAQGGIN AALGNMEEDN WRWHFYDTVK GSDWLGDQDA IHYMTEQAPA SVVELENYGM PFSRTEDGRI YQRAFGGQSL KFGKGGQHR CCCVADRTGH SLLHTLYGRS LRYDTSYFVE YFALDLLMEN GECRGVIALC IEDGSIHRIR AKNTIATGG YGRTYFCTS AHTSTGDGTA MVTRAGLPCQ DLEFVQFHPT GIYAGCLIT EGCRGEGGIL INSQGERFME RYAPVAKDLA SRDVVSRSM LEIREGRGCG PEKDHVYLQL HHLPEQLAT RLPGISEAM IFAGVDVTKE PIPVLPTVHY NMGGIPTNYK GQVLKHVNGQ DQIVPGLYAC GEAACASVHG ANRLGANSLL DLVVFGRACA LSIAESCRPG DKVPPIKANA GEESVMNLDK LRFADGSVRT SELRLSMQKS MQSHAAVFRV GSVLQEGCEK VSQLYGDLQH LKTFDRGMVW NTDLVETLEL QNLMLCALQT IYGAEARKES RGAHAREDYK VRIDEYDYSK PIEGQKKPF AEHWRKHTLS YVDTKTGKVT LDYRPVIDKT LNEADCATVP PAIRSY
Specificity:	Rattus norvegicus (Rat)

## Product Details

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

Target: SDHA

Alternative Name: Succinate dehydrogenase [ubiquinone] flavoprotein subunit, mitochondrial (Sdha) ([SDHA Products](#))

Background: Recommended name: Succinate dehydrogenase [ubiquinone] flavoprotein subunit, mitochondrial.

EC= 1.3.5.1.

Alternative name(s): Flavoprotein subunit of complex II.

Short name= Fp

UniProt: [Q920L2](#)

## 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 modified 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

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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.