antibodies

Datasheet for ABIN7479231 SDHA Protein (AA 44-293, partial) (GST tag)



Image

Overview	
Quantity:	100 µg
Target:	SDHA
Protein Characteristics:	AA 44-293, partial
Origin:	Human
Source:	Escherichia coli (E. coli)
Protein Type:	Recombinant
Purification tag / Conjugate:	This SDHA protein is labelled with GST tag.
Application:	ELISA
Product Details	
Sequence:	SAKVSDSISA QYPVVDHEFD AVVVGAGGAG LRAAFGLSEA GFNTACVTKL FPTRSHTVAA
	QGGINAALGN MEEDNWRWHF YDTVKGSDWL GDQDAIHYMT EQAPAAVVEL ENYGMPFSRT
	EDGKIYQRAF GGQSLKFGKG GQAHRCCCVA DRTGHSLLHT LYGRSLRYDT SYFVEYFALD
	LLMENGECRG VIALCIEDGS IHRIRAKNTV VATGGYGRTY FSCTSAHTST GDGTAMITRA
	GLPCQDLEFV
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.

Target Details

Target:

Purity:

SDHA

95 %

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Target Details	
Alternative Name:	Succinate dehydrogenase [ubiquinone] flavoprotein subunit, mitochondrial protein (SDHA Products)
Background:	Flavoprotein (FP) subunit of succinate dehydrogenase (SDH) that is involved in complex II of the mitochondrial electron transport chain and is responsible for transferring electrons from succinate to ubiquinone (coenzyme Q).
Molecular Weight:	54.4 kD
UniProt:	P31040

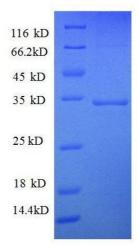
Application Details

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

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SDS-PAGE

Image 1. Succinate Dehydrogenase Complex, Subunit A, Flavoprotein (Fp) (SDHA) (AA 44-293), (partial) protein (GST tag)

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