antibodies

Datasheet for ABIN1635883 IDH3B Protein (AA 35-385) (His tag)



	Go to Product page
Overview	
Quantity:	1 mg
Target:	IDH3B
Protein Characteristics:	AA 35-385
Origin:	Orang-Utan
Source:	Yeast
Protein Type:	Recombinant
Purification tag / Conjugate:	This IDH3B protein is labelled with His tag.
Application:	ELISA
Product Details	
Sequence:	ASRSQA EDVRVEGSFP VTMLPGDGVG PELMHAVKEV FKAAAVPVEF QEHHLSEVQN
	MASEEKLEQV LSSMKENKVA IIGKIHTPME YKGELASYDM RLRRKLDLFA NVVHVKSLPG
	YMTRHNNLDL VIIREQTEGE CSSLEHESAR GVIECLKIVT RAKSQRIAKF AFDYATKKGR
	SKVIAVHKAN IMKLGDGLFL QCCEEVAELY PKIKFETMII DNCCMQLVQN PYQFDVLVMP
	NLYGNIIDNL AAGLVGGAGV VPGESYSAEY AVFETGARHP FAQAVGRNIA NPTAMLLSAS
	NMLRHLNLEY HSSMIADAVK KVIKVGKVRT RDMGGYSTTT DFIKSVIGHL HPHGS
Specificity:	Pongo abelii (Sumatran orangutan)
Characteristics:	Please inquire if you are interested in this recombinant protein expressed in E. coli, mammalien

Purity:

> 90 %

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cells or by baculovirus infection. Be aware about differences in price and lead time.

Target Details	
Target:	IDH3B
Alternative Name:	Isocitrate dehydrogenase [NAD] subunit beta, mitochondrial (IDH3B) (IDH3B Products)
Background:	Recommended name: Isocitrate dehydrogenase [NAD] subunit beta, mitochondrial.
	EC= 1.1.1.41.
	Alternative name(s): Isocitric dehydrogenase subunit beta NAD(+)-specific ICDH subunit beta
UniProt:	Q5RBT4

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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