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Datasheet for ABIN1635779  
**IDH3A Protein (AA 28-366) (His tag)**

### Overview

Quantity:	1 mg
Target:	IDH3A
Protein Characteristics:	AA 28-366
Origin:	Orang-Utan
Source:	Yeast
Protein Type:	Recombinant
Purification tag / Conjugate:	This IDH3A protein is labelled with His tag.
Application:	ELISA

### Product Details

Sequence:	TGG VQTVTLIPGD GIGPEISAAV MKIFDAAKAP IQWEERNVTA IQGPGGKWMI PSEAKESMDK NKMGLKGPLK TPIAAGHPSM NLLLRKTFDL YANVRPCVSI EGYKTPYTDV NIVTIRENTE GEYSGIEHVI VDGVVQSIKL ITEGASKRIA EFAFEYARNN HRSNVTAVHK ANIMRMSDGL FLQKCREVAE NCKDIKFNEM YLDTVCLNMV QDPSQFDVLV MPNLYGDILS DLCAGLIGGL GVTPSGNIGA NGVAIFESVH GTAPDIAGKD MANPTALLS AVMMLRHMGL FDHAARIEAA CFATIKDGKS LTKDLGGNAK CSDFTTEEICR RVKDLD
Specificity:	Pongo abelii (Sumatran orangutan)
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:	IDH3A
Alternative Name:	Isocitrate dehydrogenase [NAD] subunit alpha, mitochondrial (IDH3A) ( <a href="#">IDH3A Products</a> )
Background:	Recommended name: Isocitrate dehydrogenase [NAD] subunit alpha, mitochondrial. EC= 1.1.1.41. Alternative name(s): Isocitric dehydrogenase subunit alpha NAD(+)-specific ICDH subunit alpha
UniProt:	<a href="#">Q5R678</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.