Datasheet for ABIN7588035

ALDH3B1 Protein (AA 1-465) (His tag)

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Overview

Quantity:	100 µg
Target:	ALDH3B1
Protein Characteristics:	AA 1-465
Origin:	Cow
Source:	Yeast
Protein Type:	Recombinant
Purification tag / Conjugate:	This ALDH3B1 protein is labelled with His tag.
Application:	ELISA

Product Details

Sequence:	MDPFADTLQR LREAFVSGRT RPAEFRDAQL KGLSRFLREN KQLLQEALAQ DLHKSAFEAE VSEISISQNE INLALRNLRT WMKDEKVSKN LATQLDSAFI RKEPFGLVLI LSPWNYPLNL SLGPLVGALA AGNCVVLKPS EISKNTEKVL AEVLPRYLDQ SCFAVVLGGP QETGRLLEHK FDYIFFTGNP QVGKIVMTAA AKHLTPVTLE LGGKNPCYVD DNCDPQTVAN RVAFFRCFNA GQTCVAPDYV LCSPEMQAQL VPALQSAITR FYGDDPQSSP NLGRIISQKH FQRLRGLLSC GRVVIGGQSD ECDLYIAPTV LVDVQETDPV MQEEIFGPIL PIVNVRSLGQ AIDFINRREK PLALYAFSNS SQVVKRVLAQ TSSGGFCGND GFMHLTLASL PFGGVGSSGM GNYHGKFSFD TFSHHRACLL RRPGLEKIYA IRYPPHTPRN LRVLLMAMET RSCSC
Specificity:	Bos taurus (Bovine)
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.

Product Details

Purity:	> 90 %

Target Details

Target:	ALDH3B1
Alternative Name:	Aldehyde dehydrogenase family 3 member B1 (ALDH3B1) (ALDH3B1 Products)
Background:	Recommended name: Aldehyde dehydrogenase family 3 member B1. EC= 1.2.1.5
UniProt:	Q1JPA0
Pathways:	Monocarboxylic Acid Catabolic Process

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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