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Datasheet for ABIN1459806
ALDH3A1 Protein (AA 1-239) (His tag)

Overview

Quantity:	1 mg
Target:	ALDH3A1
Protein Characteristics:	AA 1-239
Origin:	Cow
Source:	Yeast
Protein Type:	Recombinant
Purification tag / Conjugate:	This ALDH3A1 protein is labelled with His tag.
Application:	ELISA

Product Details

Sequence:	NPHYVDKDRD LDIACRRIAW GKFMNSGQTC VAPDYILCDP SIQSQVVEKL KKSLKEFYGE DAKKS RDYGR IINSRHFQRV MGLLEGQKVA YGGTGDATTR YIAPTILTDV DPESPVMQEE VFGPVLPMC VRSLEEAIQF ITQREKPLAL YVFPNDKVI KKMIAETSSG GVTANDVVVH ISVHSLPYGG VGDSGMGSYH GRKSFETFESH RRSCLVRPLL NEETLKARYP RARPICPDT
Specificity:	Bos taurus (Bovine)
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:	ALDH3A1
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Target Details

Alternative Name:	Aldehyde dehydrogenase, dimeric NADP-preferring (ALDH3A1) (ALDH3A1 Products)
Background:	Recommended name: Aldehyde dehydrogenase, dimeric NADP-preferring. EC= 1.2.1.5. Alternative name(s): Aldehyde dehydrogenase 3 Aldehyde dehydrogenase family 3 member A1 Corneal 15.8 kDa protein Corneal protein 54. Short name= bCP54 Transparentin
UniProt:	P30907

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.
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Restrictions:	For Research Use only
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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.