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Datasheet for ABIN1461391
ALDH3A1 Protein (AA 2-453) (His tag)

Overview

Quantity:	1 mg
Target:	ALDH3A1
Protein Characteristics:	AA 2-453
Origin:	Dog
Source:	Yeast
Protein Type:	Recombinant
Purification tag / Conjugate:	This ALDH3A1 protein is labelled with His tag.
Application:	ELISA

Product Details

Sequence:	SKISEVVQR ARAAFNSGKT RPLQFRIQQL EALRRMIKEH EKDLGALTA DLHKNEWNAY YEEVVYVLEE IEYMIKKLPE WAADEPVEKT PQTQQDECYI HSEPLGVVLI IGTWNYPFTV TIQPMVGAIA AGNAVVIKPS ELSENMANLL ATIIPQYLDR DLYPVISGGI PETTELLKER FDHILYTGNT AVGKVIMMAA AKHLTPVTLE LGGKNPCYVD KDCDLDIACR RIAWGKFMNS GQTCVAPDYI LCDPSIQNQI VEKLLKALKE FYGEDAKKSR DYGRIINSRH FQRMGLMEG QKVAYGGTGD AATRYIPTI LIDVDTQSQV MQEEIFGPVM PIVCVRSLEE AIQFINQREK PLALYVFSLN DKMIKKMIAE TSSGGVTAND VIVHVS VHSL PYGGVGNSGM GSYHGKKSFE TFSHCRSCLV RPLLNDESLK TRYPPSLAKM TRH
Specificity:	Canis familiaris (Dog) (Canis lupus familiaris)
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.

Product Details

Purity: > 90 %

Target Details

Target: ALDH3A1

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): ALDHIII Aldehyde dehydrogenase 3 Aldehyde dehydrogenase family 3 member A1

UniProt: [A3RF36](#)

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.

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

Handling

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