

[Go to Product page](#)

Datasheet for ABIN1474439

ALDH3A2 Protein (AA 1-463) (His tag)

Overview

Quantity:	1 mg
Target:	ALDH3A2
Protein Characteristics:	AA 1-463
Origin:	Rat
Source:	Yeast
Protein Type:	Recombinant
Purification tag / Conjugate:	This ALDH3A2 protein is labelled with His tag.
Application:	ELISA

Product Details

Sequence:	MERQVQRLRQ TFRSGRSRPL RFRLQQLEAL RRMVQEREKD ILAAIAADLS KSELNAYSHE VITILGEIDF MLGNLPELAS ARPAKKNLLT MMDEAYVQPE PLGVVLIIGA WNYPFVLTQ PLVGAIAGN AAIVKPELS ENTAKILAE LPQYLDQDLY MIVNGGVEET TELLRQRFDH ILYTGNTAVG KIVMEAAKH LTPVTLELGG KSPCYIDRDC DLDVACRRIT WGKYMNCGQT CIAPDYILCE ASSQDQIVQK IKDQTVKDFYG ENVKASPDYE RIINLRHFQR IKSLLLEGQKI AFGGTDEAT RYIAPTILTD VDPNSKVMQE EIFGPILPIV SVKNVEEAIN FINDREKPLA LYIFSHNNKL IKRVIDETSS GGVGTGNDVIM HFTVNSLPFG GVGASGMGAY HGKYSFDTFS HQRPCLLKGL KGESVNLRY PPNSSEKVSQW SKFFLLKQFN KGR
Specificity:	Rattus norvegicus (Rat)
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: ALDH3A2

Alternative Name: Fatty aldehyde dehydrogenase (Aldh3a2) ([ALDH3A2 Products](#))

Background: Recommended name: Fatty aldehyde dehydrogenase.
EC= 1.2.1.3.
Alternative name(s): Aldehyde dehydrogenase 4 Aldehyde dehydrogenase family 3 member A2
Microsomal aldehyde dehydrogenase.
Short name= msALDH

UniProt: [P30839](#)

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 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

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.