Datasheet for ABIN7590760

ALDH1A3 Protein (AA 2-512) (His tag)

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Overview

Quantity:	100 µg
Target:	ALDH1A3
Protein Characteristics:	AA 2-512
Origin:	Rat
Source:	Yeast
Protein Type:	Recombinant
Purification tag / Conjugate:	This ALDH1A3 protein is labelled with His tag.
Application:	ELISA

Product Details

Sequence:	ATANGAVEN GQPDGKPPAL PRPIRNLEVK FTKIFINNDW HEPKSGRKFA TYNPSTLEKI CEVEEGDKPD VDKAVEAAQA AFQRGSPWRR LDALSRGQLL HQLADLIERD RAILATLETM DTGKPFLHAF FVDLEGCIKT FRYFAGWADK IQGRTIPTDD NVMCFTRHEP IGVCGAITPW NFPLLMLAWK LAPALCCGNT VVLKPAEQTP LTALYLASLI KEVGFPPGVV NIVPGFGPTV GAAISSHPQI NKIAFTGSTE VGKLVKEAAS RSNLKRVTLE LGGRNPCIVC ADADLDLAVE CAHQGVFFNQ GQCCTAASRV FVEEQVYGEF VRRSVEFAKK RPVGDPFDAK TEQGPQIDQK QFDKILELIE SGKKEGAKLE CGGSAMEDRG LFIKPTVFSD VTDNMRIAKE EIFGPVQPIL KFKNLEEVIK RANSTDYGLT AAVFTKNLDK ALKLASALES GTVWVNCYNA FYAQAPFGGF KMSGNGRELG EYALAEYTEV KTVTIKLDEK NP
Specificity:	Rattus norvegicus (Rat)
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:	ALDH1A3
Alternative Name:	Aldehyde dehydrogenase family 1 member A3 (Aldh1a3) (ALDH1A3 Products)
Background:	Recommended name: Aldehyde dehydrogenase family 1 member A3. EC= 1.2.1.5. Alternative name(s): Aldehyde dehydrogenase 6 Retinaldehyde dehydrogenase 3. Short name= RALDH-3. Short name= RalDH3
UniProt:	Q8K4D8
Pathways:	Retinoic Acid Receptor Signaling Pathway

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

Handling

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