



[Go to Product page](#)

Datasheet for ABIN1637848

ALDH1A1 Protein (AA 2-501) (His tag)

Overview

Quantity:	1 mg
Target:	ALDH1A1
Protein Characteristics:	AA 2-501
Origin:	Cynomolgus
Source:	Yeast
Protein Type:	Recombinant
Purification tag / Conjugate:	This ALDH1A1 protein is labelled with His tag.
Application:	ELISA

Product Details

Sequence:	SSSGTSDLP VLPTDLKIY TKIFINNEWH DSVSGKKFPV FNPATEEEELC QVEEGDKADV DKAVKAARQA FQIGSPWRTM DASERGRLLY KLADLIERDR LLLATMESMN GKKLYSNAYL NDLAGCIKTL RYCAGWADKI QGRTIPIDGN FFTYTRHEPI GVCQGIIIPWN FPLVMLIWKI GPALSCGNTV VVKPAEQTPL TALHVASLIK EAGFPPGVVN IVPGYGPTAG AAISSHMDID KVAFTGSTEV GKLIKEAAGK SNLKRVLTLEL GKGSPCIVLA DADLDNAVEF AHHGVFYHQG QCCIAASRIF VEESYDEFV RRSVERAKKY ILGNPLTPGA TQGPQIDKEQ YDKILDIES GKKEGAKLEC GGGPWGNKGY FVQPTVFSNV TDEMRIAKEE IFGPVQQIMK FKSLDDVIKR ANNTFYGLSA GVFTNDIDKA VTISSALQAG TVWVNCYGVV TAQCPFGGFK MSGNGRELGE YGFHEYTEVK TVTVKISQKN S
Specificity:	Macaca fascicularis (Crab-eating macaque) (Cynomolgus monkey)
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: ALDH1A1

Alternative Name: Retinal dehydrogenase 1 (ALDH1A1) ([ALDH1A1 Products](#))

Background: Recommended name: Retinal dehydrogenase 1.
Short name= RALDH 1.
Short name= RalDH1.
EC= 1.2.1.36.
Alternative name(s): ALDH-E1 ALHDII Aldehyde dehydrogenase family 1 member A1 Aldehyde dehydrogenase, cytosolic

UniProt: [Q8HYE4](#)

Pathways: [Dopaminergic Neurogenesis](#)

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

Handling

one week

Storage: -20 °C

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