

[Go to Product page](#)

Datasheet for ABIN1655636

**Malate Dehydrogenase (MDH) (AA 1-311) protein (His tag)**

## Overview

Quantity:	1 mg
Target:	Malate Dehydrogenase (MDH)
Protein Characteristics:	AA 1-311
Origin:	Vibrio splendidus
Source:	Yeast
Protein Type:	Recombinant
Purification tag / Conjugate:	His tag
Application:	ELISA

## Product Details

Sequence:	MKVAVIGAAG GIGQALALLL KNRLPAGSDL ALYDIAPVTP GVAADLSHIP TPVSIKGYAG EDPTPALEGA DVVLISAGVA RKP GMDRADL FNVNAGIVKS LAEKI AVTCP TACVGIITNP VNTTVP IAAE VLK KAGVYDK RRLFGITTL D VIRSETFVAE LKDKDPGDIR VPVIGGHSGV TILPLLSQVE GVEFTDEEIA ALTTRIQNAG TEVVEAKAGG GSATLSMGQA ACRFGLALVK ALQGEENVIE CAYVEGE GEH APFFAQPVKL GKEGAEAILS YGELSDFERN ALDSMLET LN GDIEIGVEFA K
Specificity:	Vibrio splendidus (strain LGP32) (Vibrio splendidus (strain Mel32))
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

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Target:	Malate Dehydrogenase (MDH)
Abstract:	<a href="#">MDH Products</a>
Background:	Recommended name: Malate dehydrogenase. EC= 1.1.1.37
UniProt:	<a href="#">B7VID0</a>
Pathways:	<a href="#">Regulation of Lipid Metabolism by PPARalpha</a>

## Application Details

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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

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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.