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## Datasheet for ABIN1634767 DLD Protein (AA 36-509) (His tag)

### Overview

Quantity:	1 mg
Target:	DLD
Protein Characteristics:	AA 36-509
Origin:	Orang-Utan
Source:	Yeast
Protein Type:	Recombinant
Purification tag / Conjugate:	This DLD protein is labelled with His tag.
Application:	ELISA

### Product Details

Sequence:	ADQPI DADVTVIGSG PGGYVAAIKA AQLGFKTVCV EKNETLGGTC LNVGCIPSKA LLNNSHYHHM AHGKDFASRG IEMSEVRLNL DKMMEQKSTA VKALTGGIAH LFKQNKVVHV NGYGKITGKN QVTATKADGG TQVIDTKNIL IATGSEVTPF PGIMIDEDI VSSTGALSIL KVPEKMMVIG AGVIGVELGS VWQRLGADVT AVEFLGHVGG VGIDMEISKN FQRILQKQGF KFKLNTKVTG ATKSDGKID VSIEAASGGK AEVITCDVLL VCIGRRPFTK NLGLEELGIE LDPRGRIPVN TRFQTKIPNI YAIGDVVAGP MLAHKADEG IICVEGMAGG AVHIDYNCVP SVIYTHPEVA WVGKSEEQLK EEGIEYKVGK FPFAANSRAK TNADTDGMVK ILGQKSTDRV LGAHILGPGA GGMVNEAALA LEYGASCEDI ARVCHAHPTL SEAFREANLA ASFGKSINF
Specificity:	Pongo abelii (Sumatran orangutan)
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: DLD

Alternative Name: Dihydrolipoyl dehydrogenase, mitochondrial (DLD) ([DLD Products](#))

Background: Recommended name: Dihydrolipoyl dehydrogenase, mitochondrial.  
EC= 1.8.1.4.  
Alternative name(s): Dihydrolipoamide dehydrogenase

UniProt: [Q5R4B1](#)

Pathways: [Ribonucleoside Biosynthetic Process](#), [Cell Redox Homeostasis](#)

## 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

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