

## Dihydrolipoyl dehydrogenase, mitochondrial

Catalog No: #AP79065



Package Size: #AP79065-1 50ug #AP79065-2 100ug #AP79065-3 1mg

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## Description

Product Name	Dihydrolipoyl dehydrogenase, mitochondrial
Brief Description	Recombinant Protein
Host Species	E.coli
Purification	Greater than 90% by SDS-PAGE
Species Reactivity	Mouse
Immunogen Description	Recombinant protein
Other Names	Dihydrolipoamide dehydrogenase
Accession No.	O08749 Gene name: Dld
Uniprot	O08749
GeneID	13382;
Tag Info	His
Formulation	50mM NaH <sub>2</sub> PO <sub>4</sub> , 500mM NaCl Buffer with 500mM Imidazole, 10% glycerol (pH 8.0)
Storage	Store at -20°C. (Avoid repeated freezing and thawing.) Repeated freezing and thawing is not recommended. Store working aliquots at 4°C for up to one week.

## Background

Lipoamide dehydrogenase is a component of the glycine cleavage system as well as an E3 component of the alpha-ketoacid dehydrogenase complexes (pyruvate-, alpha-ketoglutarate-, and branched-chain amino acid-dehydrogenase complex). In monomeric form has additional moonlighting function as serine protease (PubMed:17404228). Involved in the hyperactivation of spermatazoa during capacitation and in the spermatazoal acrosome reaction.

## References

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Note: This product is for in vitro research use only