

Product datasheet

Recombinant Human Lipoamide Dehydrogenase protein ab93679

画像数 2

製品の概要

製品名 Recombinant Human Lipoamide Dehydrogenase protein
 タンパク質長 Full length protein

製品の詳細

由来 Recombinant
 由来 Escherichia coli
 アミノ酸配列
 生物種 Human

特性

Our [Abpromise guarantee](#) covers the use of **ab93679** in the following tested applications.

The application notes include recommended starting dilutions; optimal dilutions/concentrations should be determined by the end user.

アプリケーション SDS-PAGE
 Western blot

精製度 > 95 % SDS-PAGE.
 ab93679 is purified using conventional chromatography techniques.

製品の状態 Liquid

前処理および保存

保存方法および安定性 Shipped at 4°C. Upon delivery aliquot and store at -20°C or -80°C. Avoid repeated freeze / thaw cycles.
 pH: 8.00
 Constituents: 0.0154% DTT, 0.316% Tris HCl, 10% Glycerol, 0.58% Sodium chloride

関連情報

機能 Lipoamide dehydrogenase is a component of the glycine cleavage system as well as of the alpha-ketoacid dehydrogenase complexes. Involved in the hyperactivation of spermatazoa during capacitation and in the spermatazoal acrosome reaction.

関連疾患

Note=Defects in DLD are involved in the development of congenital infantile lactic acidosis. Defects in DLD are a cause of maple syrup urine disease (MSUD) [MIM:248600]. MSUD is characterized by mental and physical retardation, feeding problems and a maple syrup odor to the urine. The keto acids of the branched-chain amino acids are present in the urine, resulting from a block in oxidative decarboxylation.

配列類似性

Belongs to the class-I pyridine nucleotide-disulfide oxidoreductase family.

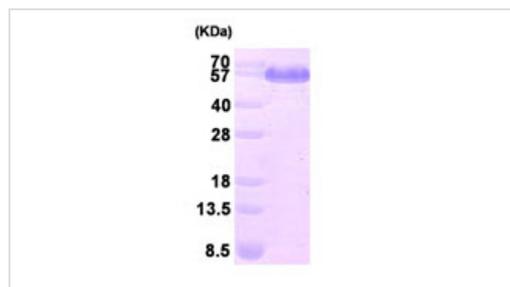
翻訳後修飾

Tyrosine phosphorylated.

細胞内局在

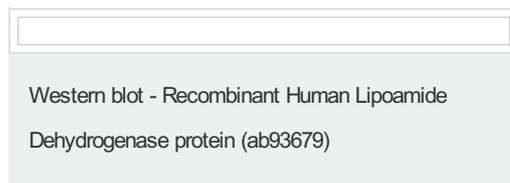
Mitochondrion matrix.

画像



15% SDS-PAGE analysis of ab93679 (3µg).

SDS-PAGE - Recombinant Human Lipoamide
Dehydrogenase protein (ab93679)



Western blot - Recombinant Human Lipoamide
Dehydrogenase protein (ab93679)

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