abcam

Product datasheet

Recombinant Human GCDH/GCD protein ab98118

画像数 1

製品の詳細

製品名	Recombinant Human GCDH/GCD protein
精製度	> 90 % SDS-PAGE. ab98118 is purified by using conventional chromatography techniques.
発現系	Escherichia coli
アクセッション番号	Q92947
タンパク質長	Full length protein
Animal free	No
由来	Recombinant
生物種	Human
配列	**MGSSHHHHHHSSGLVPRGSHM**RPEFDWQDPLVLEEQLTTDEILIRDTFRT YCQERLMPRILLANRNEVFHREIISEMGELGVLGPTIKGYGCAGVSSVAY GLLARELERVDSGYRSAMSVQSSLVMHPIYAYGSEEQRQKYLPQLAKGEL LGCFGLTEPNSGSDPSSMETRAHYNSSNKSYTLNGTKTWITNSPMADLFV VWARCEDGCIRGFLLEKGMRGLSAPRIQGKFSLRASATGMIIMDGVEVPE ENVLPGASSLGGPFGCLNNARYGIAWGVLGASEFCLHTARQYALDRMQFG VPLARNQLIQKKLADMLTEITLGLHACLQLGRLKDQDKAAPEMVSLLKRN NCGKALDIARQARDMLGGNGISDEYHVIRHAMNLEAVNTYEGTHDIHALI LGRAITGIQAFTASK
予測される分子量	46 kDa including tags
領域	45 to 438
タグ	His tag N-Terminus

特性

Our **Abpromise guarantee** covers the use of **ab98118** 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
	Mass Spectrometry
質量分析	MALDI-TOF
製品の状態	Liquid
備考	This product was previously labelled as GCDH

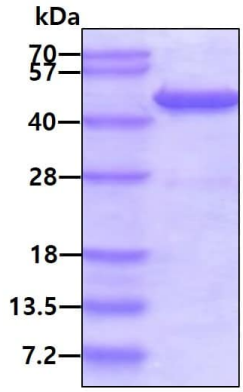
前処理および保存

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: 0.077% DTT, 0.316% Tris HCl, 20% Glycerol (glycerin, glycerine), 1.16% Sodium chloride

関連情報

機能	Catalyzes the oxidative decarboxylation of glutaryl-CoA to crotonyl-CoA and CO(2) in the degradative pathway of L-lysine, L-hydroxylysine, and L-tryptophan metabolism. It uses electron transfer flavoprotein as its electron acceptor. Isoform Short is inactive.
組織特異性	Isoform 1 and isoform 2 are expressed in fibroblasts and liver.
パスウェイ	Amino-acid metabolism; lysine degradation. Amino-acid metabolism; tryptophan metabolism.
関連疾患	Defects in GCDH are the cause of glutaric aciduria type 1 (GA1) [MIM:231670]. GA1 is an autosomal recessive metabolic disorder characterized by progressive dystonia and athetosis due to gliosis and neuronal loss in the basal ganglia.
配列類似性	Belongs to the acyl-CoA dehydrogenase family.
細胞内局在	Mitochondrion matrix.

画像



SDS-PAGE - Recombinant Human GCDH/GCD protein (ab98118)

SDS-PAGE analysis of ab98118 (3µg) under reducing condition and visualized by coomassie blue stain.

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- Response to your inquiry within 24 hours
- We provide support in Chinese, English, French, German, Japanese and Spanish
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