

### Recombinant Human GCSH protein ab113856

画像数 1

#### 製品の詳細

製品名	Recombinant Human GCSH protein
精製度	> 95 % SDS-PAGE. ab113856 was purified using conventional chromatography techniques.
発現系	Escherichia coli
アクセッション番号	<b><u>P23434</u></b>
タンパク質長	Full length protein
Animal free	No
由来	Recombinant
生物種	Human
配列	<p>MGSSHHHHHHSSGLVPRGSHMGSM SVRK FTEKHEWVTTEN</p> <p>GIGTVGISNF</p> <p>AQEALGDVVYCSLPEVGTKLNKQDEFGALESVKAASELYSPL</p> <p>SGEVTEIN</p> <p>EALAENPGLV NKSCYEDGWL IKMTLSNPSELDELMSEEAYEK</p> <p>YIKSIEE</p>
予測される分子量	16 kDa including tags
領域	49 to 173
タグ	His tag N-Terminus

#### 特性

Our **Abpromise guarantee** covers the use of **ab113856** 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	Mass Spectrometry
	SDS-PAGE
質量分析	MALDI-TOF
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. Store at +4°C short term (1-2 weeks). Upon delivery aliquot. Store at -20°C or -
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80°C. Avoid freeze / thaw cycle.

pH: 8.00

Constituents: 0.02% DTT, 0.32% Tris HCl, 10% Glycerol (glycerin, glycerine), 0.88% Sodium chloride

## 関連情報

### 機能

The glycine cleavage system catalyzes the degradation of glycine. The H protein shuttles the methylamine group of glycine from the P protein to the T protein.

### 関連疾患

Defects in GCSH are a cause of non-ketotic hyperglycinemia (NKH) [MIM:605899]; also known as glycine encephalopathy (GCE). NKH is an autosomal recessive disease characterized by accumulation of a large amount of glycine in body fluid and by severe neurological symptoms.

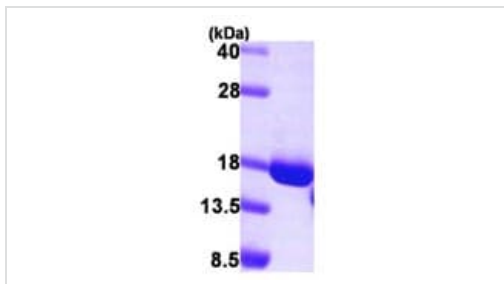
### 配列類似性

Belongs to the gcvH family.  
Contains 1 lipoyl-binding domain.

### 細胞内局在

Mitochondrion.

## 画像



15% SDS-PAGE analysis of 3 µg ab113856.

SDS-PAGE - Recombinant Human GCSH protein  
(ab113856)

**Please note:** All products are "FOR RESEARCH USE ONLY. NOT FOR USE IN DIAGNOSTIC PROCEDURES"

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