

Product datasheet

Recombinant Human Ornithine Carbamoyltransferase protein  
ab123452

画像数 2

製品の概要

製品名	Recombinant Human Ornithine Carbamoyltransferase 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

アクセッション番号 [P00480](#)

生物種 Human

配列  
MLFNLRILLN NAAFRNGHNF MVRNFRCGQP  
LQNKVQLKGR DLLTLKNFTG EEIKYMLWLS  
ADLKFRIKQK GEYLP LLQ GK SLGMIFEKRS  
TRTRLSTETG FALLGGHPCF LTTQDIHLGV  
NESLTD TARV LSSMADAVLA RVYKQSDLDT  
LAKEASIIPII NGLSDLYHPI QILADYLT LQ  
EHYSSLKGLT LSWIGDGNNI LHSIMMSAAK  
FGMHLQAATP KGYEPDASVT KLAEQYAKEN  
GTKLLLLTNDP LEAAHG GNVL ITDTWISMGQ  
EEEKKKRLQA FQGYQVTMKT AKVAASDWTF  
LHCLPRKPEE VDDEVFYSR SLVFPEAENR  
KWTIMAVMVS LLTDYSPQLQKPKF

分子量 40 kDa

領域 1 to 354

タグ His tag C-Terminus

特性

Our [Abpromise guarantee](#) covers the use of **ab123452** 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
	ELISA
<b>精製度</b>	> 80 % SDS-PAGE.
<b>製品の状態</b>	Liquid
<b>備考</b>	Product was previously marketed under the MitoSciences sub-brand.

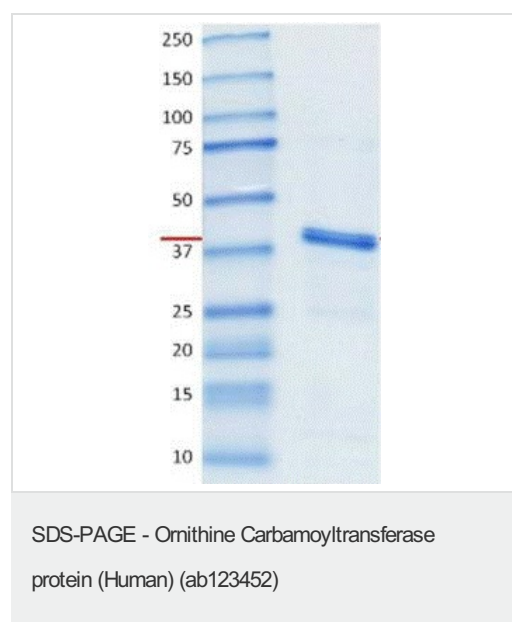
#### 前処理および保存

<b>保存方法および安定性</b>	Shipped on dry ice. Upon delivery aliquot and store at -80°C. Avoid freeze / thaw cycles. Constituents: 0.79% Tris HCl, 0.15% EDTA, 10% Glycerol, 0.88% Sodium chloride
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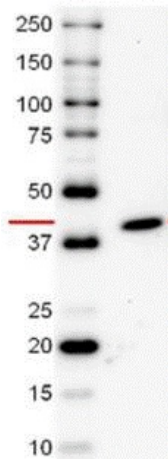
#### 関連情報

<b>組織特異性</b>	Mainly expressed in liver and intestinal mucosa.
<b>パスウェイ</b>	Nitrogen metabolism; urea cycle; L-citrulline from L-ornithine and carbamoyl phosphate: step 1/1.
<b>関連疾患</b>	Ornithine carbamoyltransferase deficiency
<b>配列類似性</b>	Belongs to the ATCase/OTCase family.
<b>翻訳後修飾</b>	Acetylation at Lys-88 negatively regulates ornithine carbamoyltransferase activity in response to nutrient signals.
<b>細胞内局在</b>	Mitochondrion matrix.

#### 画像



10-20% acrylamide separation gel showing ab123452 at approximately 40kDa (1µg).



Western blot - Ornithine Carbamoyltransferase protein (Human) (ab123452)

Anti-Ornithine Carbamoyltransferase antibody (ab86665) at 0.5 µg/ml + Recombinant Human Ornithine Carbamoyltransferase protein (ab123452) at 0.01 µg

#### Secondary

Goat polyclonal to Rabbit IgG – H&L – Pre-Adsorbed (HRP) at 1/10000 dilution

Developed using the ECL technique.

**Predicted band size:** 40 kDa

**Observed band size:** 40 kDa

**Exposure time:** 5 minutes

**Please note:** All products are "FOR RESEARCH USE ONLY AND ARE NOT INTENDED FOR DIAGNOSTIC OR THERAPEUTIC USE"

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- Extensive multi-media technical resources to help you
- We investigate all quality concerns to ensure our products perform to the highest standards

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