

Product datasheet

Recombinant Human Ornithine Carbamoyltransferase / OTC protein ab123452

画像数 2

製品の概要

製品名	Recombinant Human Ornithine Carbamoyltransferase / OTC 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	MLFNLRIILLN NAAFRNGHNF MVRNFRCGQP LQNKVQLKGR DLLTLKNFTG EEIKYMLWLS ADLKFRKQK GEYLPLLQ GK SLGMIFEKRS TRTRLSTETG FALLGGHPCF LTTQDIHLGV NESLTDARV LSSMADAVLA RVYKQSDLDT LAKEASIIPII NGLSDLYHPI QILADYLTQL EHYSSLKGLT LSWIGDGNNI LHSIMMSAAK FGMHLQAATP KGYEPDASVT KLAEQYAKEN GTKLLLTNDP LEAAHGGNVL ITDTWISMGQ EEEKKKRLQA FQGYQVTMKT AKVAASDUTF LHCLPRKPEE VDDEVFYSR SLVFPEAENR KWTIMAVMVS LLTDYSPQLQPKF
----	--

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
精製度	> 80 % SDS-PAGE.
製品の状態	Liquid
備考	Product was previously marketed under the MitoSciences sub-brand. Previously labelled as Ornithine Carbamoyltransferase.

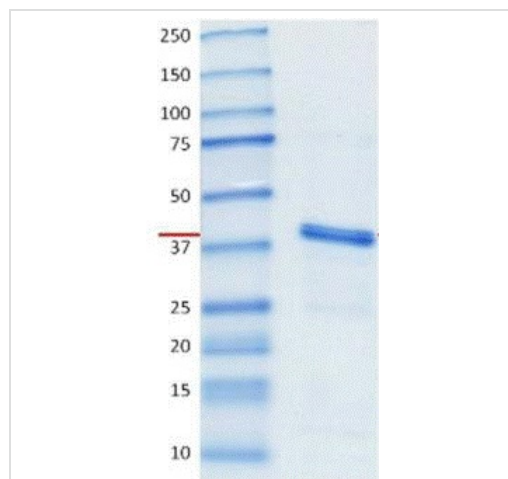
前処理および保存

保存方法および安定性	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
-------------------	--

関連情報

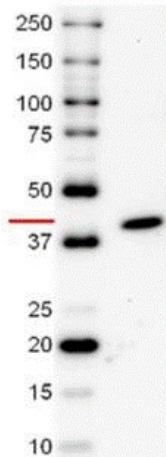
組織特異性	Mainly expressed in liver and intestinal mucosa.
パスウェイ	Nitrogen metabolism; urea cycle; L-citrulline from L-ornithine and carbamoyl phosphate: step 1/1.
関連疾患	Ornithine carbamoyltransferase deficiency
配列類似性	Belongs to the ATCase/OTCase family.
翻訳後修飾	Acetylation at Lys-88 negatively regulates ornithine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

画像



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

SDS-PAGE - Recombinant Human Ornithine Carbamoyltransferase / OTC protein (ab123452)



Western blot - Recombinant Human Ornithine Carbamoyltransferase / OTC protein (ab123452)

Anti-Ornithine Carbamoyltransferase / OTC antibody (ab86665) at 0.5 µg/ml + Recombinant Human Ornithine Carbamoyltransferase / OTC 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"

Our Abpromise to you: Quality guaranteed and expert technical support

- Replacement or refund for products not performing as stated on the datasheet
- Valid for 12 months from date of delivery
- Response to your inquiry within 24 hours
- We provide support in Chinese, English, French, German, Japanese and Spanish
- Extensive multi-media technical resources to help you
- We investigate all quality concerns to ensure our products perform to the highest standards

If the product does not perform as described on this datasheet, we will offer a refund or replacement. For full details of the Abpromise, please visit <https://www.abcam.co.jp/abpromise> or contact our technical team.

Terms and conditions

- Guarantee only valid for products bought direct from Abcam or one of our authorized distributors