

Recombinant Human Ornithine Carbamoyltransferase/OTC protein ab123452

2 图像

描述	
产品名称	重组人Ornithine Carbamoyltransferase/OTC蛋白
纯度	> 80 % SDS-PAGE.
表达系统	Escherichia coli
Accession	<u>P00480</u>
蛋白长度	Full length protein
无动物成分	No
性质	Recombinant
种属	Human
序列	MLFNLRIILLN NAAFRNGHNF MVRNFRCGQP LQNKVQLKGR DLLTLKNFTG EEIKYMLWLS ADLKFRICKQK GEYLP LLQ GK SLGMIFEKRS TRTRLSTETG FALLGGHPCF LTTQDIHLGV NESLTD TARV LSSMADAVLA RVYKQSD LDT LAKEASIIPII NGLSDLYHPI QILADYLT LQ EHYSSLKGLT LSWIGDGNNI LHSIMMSAAK FGMHLQAATP KGYEPDASVT KLAEQYAKEN GTKLLLLTNDP LEAAHG GNV L ITDTWISMGQ EEEKKKRLQA FQGYQVTMKT AKVAASDWTF LHCLPRKPEE VDDEVFYSPR SLVFPEAENR KWTIMAVMVS LLTDYSPQLQKPKFHHHHHH
预测分子量	41 kDa
氨基酸	1 to 354
标签	His tag C-Terminus

技术指标

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.

应用	SDS-PAGE
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	Western blot
	ELISA
形式	Liquid
补充说明	Product was previously marketed under the MitoSciences sub-brand. Previously labelled as Ornithine Carbamoyltransferase.

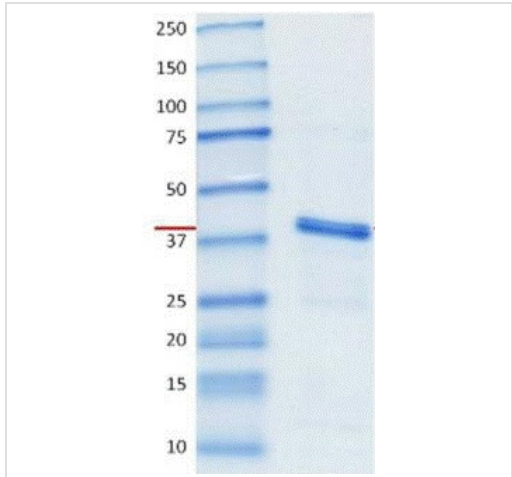
制备和贮存

稳定性和存储	Shipped on dry ice. Upon delivery aliquot and store at -80°C. Avoid freeze / thaw cycles. pH: 7.5 Constituents: 0.79% Tris HCl, 0.15% EDTA, 10% Glycerol (glycerin, glycerine), 0.88% Sodium chloride
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常规信息

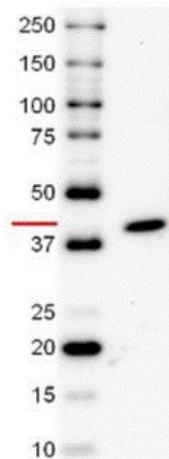
组织特异性	Mainly expressed in liver and intestinal mucosa.
通路	Nitrogen metabolism; urea cycle; L-citrulline from L-ornithine and carbamoyl phosphate: step 1/1.
疾病相关	Ornithine carbamoyltransferase deficiency
序列相似性	Belongs to the ATCase/OTCase family.
翻译后修饰	Acetylation at Lys-88 negatively regulates ornithine carbamoyltransferase activity in response to nutrient signals.
细胞定位	Mitochondrion matrix.

图片



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

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



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. NOT FOR USE IN DIAGNOSTIC PROCEDURES"

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