

# Recombinant Human P5CS protein ab127829

### 製品の詳細

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製品名	Recombinant Human P5CS protein
精製度	> 95 % Purified via His tag. Purity is >95% by SDS-PAGE.
発現系	Escherichia coli
アクセッション番号	<b>P54886</b>
タンパク質長	Protein fragment
Animal free	No
由来	Recombinant
生物種	Human
予測される分子量	27 kDa
領域	10 to 257
タグ	His-DHFR tag N-Terminus

### 特性

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Our **Abpromise guarantee** covers the use of **ab127829** 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
製品の状態	Lyophilized

### 前処理および保存

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保存方法および安定性	Shipped at 4°C. Store at -20°C. Constituents: 0.32% Tris HCl, 0.58% Sodium chloride
再構成	Reconstitute with 100ul of water.

### 関連情報

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パスウェイ	Amino-acid biosynthesis; L-proline biosynthesis; L-glutamate 5-semialdehyde from L-glutamate: step 1/2. Amino-acid biosynthesis; L-proline biosynthesis; L-glutamate 5-semialdehyde from L-glutamate:
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step 2/2.

#### 関連疾患

Defects in ALDH18A1 are the cause of mental retardation-joint hypermobility-skin laxity with or without metabolic abnormalities (MRJHSL) [MIM:612652]. Clinical manifestations include microcephaly, progressive neurologic dysfunction, mental retardation, progeroid appearance, joint hypermobility, skin laxity and hyperelasticity, cataracts. Some patients manifest metabolic disturbances such as hyperammonemia, hypomethioninemia, hypocitrullinemia, hypoargininemia and hypoprolinemia.

#### 配列類似性

In the N-terminal section; belongs to the glutamate 5-kinase family.

In the C-terminal section; belongs to the gamma-glutamyl phosphate reductase family.

#### 細胞内局在

Mitochondrion inner membrane.

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

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- Replacement or refund for products not performing as stated on the datasheet
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