

# Recombinant Human PYCR1 protein ab101948

### 画像数 1

#### 製品の詳細

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製品名	Recombinant Human PYCR1 protein
生理活性	Specific activity is > 0.03 unit/mg. One unit will oxidize 1.0 umole of L-proline to 1-pyrroline-5-carboxylate per minute in the presence of beta NAD at pH 10.0 at 25C.
精製度	> 90 % SDS-PAGE. ab101948 is purified using conventional chromatography techniques.
発現系	Escherichia coli
アクセッション番号	<b><u>P32322</u></b>
タンパク質長	Full length protein
Animal free	No
由来	Recombinant
生物種	Human
配列	<b>MGSSHHHHHSSGLVPRGSHMSVGFIGAGQLAFALAKGFT AAGVLAHKI MASSPDMDLATVSALRKMVGLTPHNKETVQHSDVFLAVKP HIIPFIELD EIGADIEDRHIVVSCAAGVTISSIEKKLSAFRPAPRVIRCMT NTPVVVRE GATVYATGTHAQVEDGRLMEQLLSSVGFCTEVEEDLIDAVTG LSGSGPAY AFTALDALADGGVKMGLPRRLAVRLGAQALLGAAKMLLHSEQ HPGQLKDN VSSPGGATIHALHVLESGGFRSLLINAVEASCIRTRELQ SMA DQEQVSPA AIKKTILDKVKLDS PAGTALSPSGHTKLLPRSLAPAGKD</b>
予測される分子量	36 kDa including tags
領域	1 to 319
タグ	His tag N-Terminus
製品の詳細	Recombinant human PYCR1 protein

#### 特性

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Our **Abpromise guarantee** covers the use of **ab101948** 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
	Mass Spectrometry
質量分析	MALDI-TOF
製品の状態	Liquid

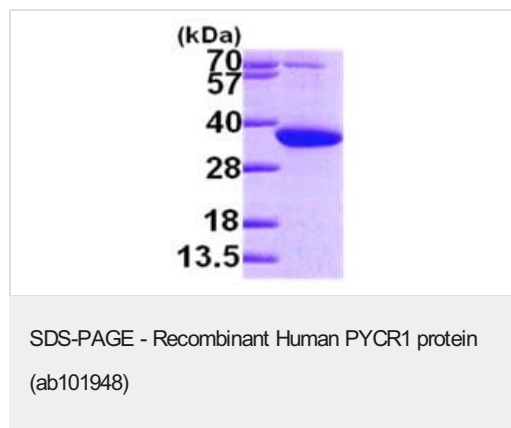
#### 前処理および保存

保存方法および安定性	Shipped at 4°C. Upon delivery aliquot and store at -20°C or -80°C. Avoid repeated freeze / thaw cycles. pH: 8.50 Constituents: 0.316% Tris HCl, 10% Glycerol (glycerin, glycerine) This product is an active protein and may elicit a biological response in vivo, handle with caution.
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#### 関連情報

関連性	PYCR1 is an enzyme that catalyzes the NAD(P)H-dependent conversion of pyrroline-5-carboxylate to proline. This enzyme may also play a physiologic role in the generation of NADP(+) in some cell types. It forms a homopolymer and localizes to the mitochondrion.
細胞内局在	Mitochondrial

#### 画像



15% SDS-PAGE analysis of 3µg ab101948.

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

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