

# Recombinant Human DPD protein ab114584

画像数 1

### 製品の詳細

製品名	Recombinant Human DPD protein
発現系	Wheat germ
アクセッション番号	<b><u>Q12882</u></b>
タンパク質長	Full length protein
Animal free	No
由来	Recombinant
生物種	Human
配列	MAPVLSKDSADIESILALNPRTQTHATLCSTSAKKLDKKHWK RNPDKNCF NCEKLENNFDDIKHTTLGERGALREAMRCLKCADAPCQKSCP TNLDIKSF ITSIANKNYYGAAKMIFSDNPLGLTCGMVCPTSDLCVGGCNL YATEEGPI NIGGLQQFATETLILAFSLMNL
予測される分子量	45 kDa including tags
領域	1 to 173

### 特性

Our **Abpromise guarantee** covers the use of **ab114584** 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	ELISA
	SDS-PAGE
	Western blot
製品の状態	Liquid

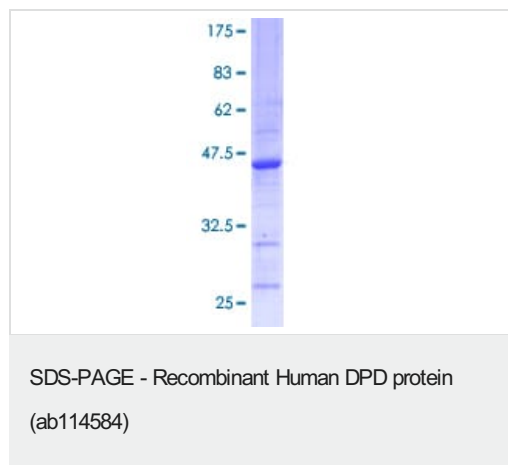
### 前処理および保存

保存方法および安定性	Shipped on dry ice. Upon delivery aliquot and store at -80°C. Avoid freeze / thaw cycles. pH: 8.00 Constituents: 0.3% Glutathione, 0.79% Tris HCl
------------	---

## 関連情報

機能	Involved in pyrimidine base degradation. Catalyzes the reduction of uracil and thymine. Also involved in the degradation of the chemotherapeutic drug 5-fluorouracil.
組織特異性	Found in most tissues with greatest activity found in liver and peripheral blood mononuclear cells.
パスウェイ	Amino-acid biosynthesis; beta-alanine biosynthesis.
関連疾患	Defects in DPYD are the cause of dihydropyrimidine dehydrogenase deficiency (DPYD deficiency) [MIM:274270]; also known as hereditary thymine-uraciluria or familial pyrimidinemia. DPYD deficiency is a disease characterized by persistent urinary excretion of excessive amounts of uracil, thymine and 5-hydroxymethyluracil. Patients suffering from this disease show a severe reaction to the anticancer drug 5-fluorouracil. This reaction includes stomatitis, Leukopenia, thrombocytopenia, hair loss, diarrhea, fever, marked weight loss, cerebellar ataxia, and neurologic symptoms, progressing to semicoma.
配列類似性	Belongs to the dihydropyrimidine dehydrogenase family. Contains 3 4Fe-4S ferredoxin-type domains.
細胞内局在	Cytoplasm.

## 画像



12.5% SDS-PAGE showing ab114584 at approximately 45.03kDa stained with Coomassie Blue.

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

## 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