abcam

Product datasheet

Recombinant Human P protein ab116803

画像数 1

製品の概要

製品名	Recombinant Human P protein
タンパク質長	Protein fragment

製品の詳細

由来	Recombinant
由来	Wheat germ
アミノ酸配列	
アクセッション番号	Q04671
生物種	Human
配列	GKLWQLLALSPLENYSVNLSSHVDSTLLQVDLAGALVASGPSRPGREE HIVVELTQADALGSRWRRPQQVTHNWTVYLNPRRSEHSVMSRTFEVLTRE TV
分子量	37 kDa including tags
領域	201 to 300

特性

Our Abpromise guarantee covers the use of **ab116803** 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 Western blot SDS-PAGE
製品の状態	Liquid
備考	Protein concentration is above or equal to 0.05 mg/ml. This protein is best used within three months from the date of receipt.

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 -80ºC. Avoid freeze / thaw cycles.

pH: 8.00
Constituents: 0.79% Tris HCl, 0.3% Glutathione

関連情報

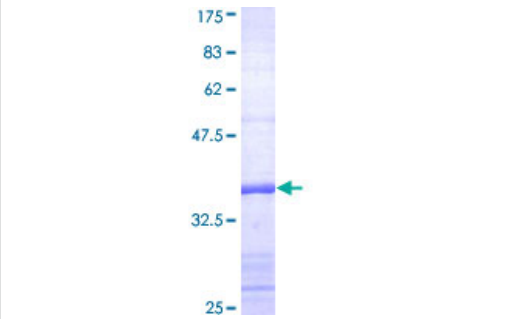
機能
Could be involved in the transport of tyrosine, the precursor to melanin synthesis, within the melanocyte. Regulates the pH of melanosome and the melanosome maturation. One of the components of the mammalian pigmentary system. Seems to regulate the post-translational processing of tyrosinase, which catalyzes the limiting reaction in melanin synthesis. May serve as a key control point at which ethnic skin color variation is determined. Major determinant of brown and/or blue eye color.

関連疾患
Defects in OCA2 are the cause of albinism oculocutaneous type 2 (OCA2) [MIM:203200]. An autosomal recessive disorder in which the biosynthesis of melanin pigment is reduced in skin, hair, and eyes. Although affected infants may appear at birth to have complete absence of melanin pigment, most patients acquire small amounts of pigment with age. Visual anomalies include decreased acuity and nystagmus. The phenotype is highly variable. The hair of affected individuals may turn darker with age, and pigmented nevi or freckles may be seen. African and African American individuals may have yellow hair and blue-gray or hazel irides. One phenotypic variant, 'brown OCA,' has been described in African and African American populations and is characterized by light brown hair and skin color and gray to tan irides.

配列類似性
Belongs to the CitM (TC 2.A.11) transporter family.

細胞内局在
Melanosome membrane.

画像



SDS-PAGE - P protein (ab116803)

12.5% SDS-PAGE showing ab116803 at approximately 36.63kDa.
Stained with Coomassie Blue.

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.

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