

Product datasheet

Recombinant Human CBR1 protein ab85336

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製品の概要

製品名 Recombinant Human CBR1 protein  
 タンパク質長 Full length protein

製品の詳細

由来 Recombinant  
 由来 Escherichia coli

アミノ酸配列

生物種 Human  
 配列 MSSGIHVALV TGGNKGIGLA IVRDLCRLFS  
 GDVVLTDARDV TRGQAAVQQL QAEGLSPRFH  
 QLDIDDLQSI RALRDFLRKE YGGLDVLVNN  
 AGIAFKVADP TPFHIQAEVT MKTNFFGTRD  
 VCTELLPLIK PQGRVNVSS IMSVRALKSC  
 SPELQQKFRS ETITEEELVG LMNKFVEDTK  
 KGVHQKEGWP SSAYGVTKIG VTVLSRIHAR  
 KLSEQRKGDK ILLNACCPGW VRTDMAGPKA  
 TKSPEEGAET PVYLALLPPD AEGPHGQFVS EKRVEQW

特性

Our [Abpromise guarantee](#) covers the use of **ab85336** 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 Western blot  
 SDS-PAGE  
 精製度 > 95 % SDS-PAGE.  
 ab85336 is purified using conventional chromatography techniques.  
 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.

Preservative: None

Constituents: 10% Glycerol, 20mM Tris HCl, pH 8.5

## 関連情報

### 機能

NADPH-dependent reductase with broad substrate specificity. Catalyzes the reduction of a wide variety of carbonyl compounds including quinones, prostaglandins, menadione, plus various xenobiotics. Catalyzes the reduction of the antitumor anthracyclines doxorubicin and daunorubicin to the cardiotoxic compounds doxorubicinol and daunorubicinol. Can convert prostaglandin E2 to prostaglandin F2-alpha. Can bind glutathione, which explains its higher affinity for glutathione-conjugated substrates. Catalyzes the reduction of S-nitrosoglutathione.

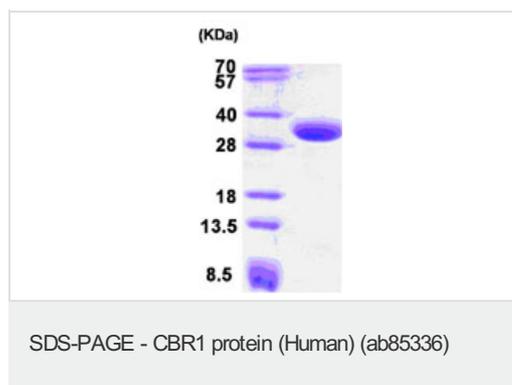
### 配列類似性

Belongs to the short-chain dehydrogenases/reductases (SDR) family.

### 細胞内局在

Cytoplasm.

## 画像



15% SDS-PAGE showing ab85336 at approximately 30kDa (3µg).

**Please note:** All products are "FOR RESEARCH USE ONLY AND ARE NOT INTENDED FOR DIAGNOSTIC OR THERAPEUTIC USE"

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