

Product datasheet

Recombinant Human CDS1 protein ab116840

1 Image

Description

Product name	Recombinant Human CDS1 protein
Expression system	Wheat germ
Accession	<u>Q92903</u>
Protein length	Protein fragment
Animal free	No
Nature	Recombinant
Species	Human
Sequence	MLELRHRGSCPGPREAVSPPHREGAAGGDHETESTSD KETDIDDRYGDL DSRTDSDIPEIPPSSDRTPEILKKALSGLSSRWKNWWIRGI LTLTMIS
Predicted molecular weight	36 kDa including tags
Amino acids	1 to 98
Tags	GST tag N-Terminus

Specifications

Our **Abpromise guarantee** covers the use of **ab116840** in the following tested applications.

The application notes include recommended starting dilutions; optimal dilutions/concentrations should be determined by the end user.

Applications	ELISA SDS-PAGE Western blot
Form	Liquid

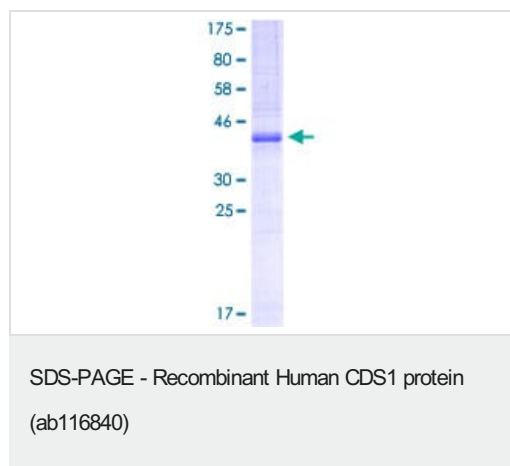
Preparation and Storage

Stability and Storage	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
------------------------------	---

General Info

Function	Provides CDP-diacylglycerol an important precursor for the synthesis of phosphatidylinositol (PtdIns), phosphatidylglycerol, and cardiolipin. Overexpression may amplify cellular signaling responses from cytokines. May also play an important role in the signal transduction mechanism of retina and neural cells.
Tissue specificity	Expressed in adult tissues such as placenta, brain, small intestine, ovary, testis and prostate. Highly expressed in fetal kidney, lung and brain. Lower level in fetal liver.
Pathway	Phospholipid metabolism; CDP-diacylglycerol biosynthesis; CDP-diacylglycerol from sn-glycerol 3-phosphate: step 3/3.
Sequence similarities	Belongs to the CDS family.
Cellular localization	Endoplasmic reticulum membrane. Cytoplasmic aspect of the endoplasmic reticulum.

Images



12.5% SDS-PAGE 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.com/abpromise> or contact our technical team.

Terms and conditions

- Guarantee only valid for products bought direct from Abcam or one of our authorized distributors