

Product datasheet

Recombinant Human CDIPT1 protein ab160982

1 Image

Description

<b>Product name</b>	Recombinant Human CDIPT1 protein	
<b>Expression system</b>	Wheat germ	
<b>Protein length</b>	Full length protein	
<b>Animal free</b>	No	
<b>Nature</b>	Recombinant	
<b>Species</b>	Human	
<b>Sequence</b>	MPDENIFLVPNLIGYARVFAISFYFMPCCPLTASSFYLLS GLLDAFD GHAARALNQGTRFGAMLDMLTDRCSMCLLVNLALLYPG ATLFFQISMSL DVASHWLHLHSSVVRGSESHKMIDLSGNPVLRIYYTSRPA LFTLCAGNEL FYCLLYLFHFSEGPLVGSVGLFRMGLWVTAPIALLKSLISVI HLITAARN MAALDAADRACCK	
<b>Amino acids</b>	1 to 213	
<b>Tags</b>	GST tag N-Terminus	

Specifications

Our [Abpromise guarantee](#) covers the use of **ab160982** in the following tested applications.

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

<b>Applications</b>	Western blot
	ELISA
<b>Form</b>	Liquid

Additional notes

Preparation and Storage

<b>Stability and Storage</b>	Shipped on dry ice. Upon delivery aliquot and store at -80°C. Avoid freeze / thaw cycles. pH: 8.00
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Constituents: 0.31% Glutathione, 0.79% Tris HCl

## General Info

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### Relevance

Phosphatidylinositol breakdown products are ubiquitous second messengers that function downstream of many G protein-coupled receptors and tyrosine kinases regulating cell growth, calcium metabolism, and protein kinase C activity. Two enzymes, CDP-diacylglycerol synthase and phosphatidylinositol synthase, are involved in the biosynthesis of phosphatidylinositol. Phosphatidylinositol synthase, a member of the CDP-alcohol phosphatidyl transferase class-I family, is an integral membrane protein found on the cytoplasmic side of the endoplasmic reticulum and the Golgi apparatus.

### Cellular localization

Endoplasmic reticulum membrane; Multi-pass membrane protein By similarity. Golgi apparatus membrane; Multi-pass membrane protein By similarity. Cell membrane; Multi-pass membrane protein

## Images

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ab160982 on a 12.5% SDS-PAGE stained with Coomassie Blue.

SDS-PAGE - Recombinant Human CDIPT1 protein  
(ab160982)

**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

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- 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

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