

Datasheet for ABIN7553269

CDIPT Protein (AA 1-213) (His tag)



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Overview

Quantity:	1 mg
Target:	CDIPT
Protein Characteristics:	AA 1-213
Origin:	Human
Source:	HEK-293 Cells
Protein Type:	Recombinant
Purification tag / Conjugate:	This CDIPT protein is labelled with His tag.
Application:	Western Blotting (WB), SDS-PAGE (SDS)

Product Details

Purpose:	Custom-made recombinat CDIPT Protein expressed in mammalien cells.
Sequence:	MPDENIFLV PNLIGYARIV FAISFYFMP CCPLTASSFY LLSGLLDAFD GHAARALNQG TRFGAMLDML TDRSTMCLL VNLALLYPGA TLFFQISMSL DVASHWLHLH SSVVRGSESH KMIDLSGNPV LRIYYTSRPA LFTLCAGNEL FYCLLYLFHF SEGPLVGSVG LFRMGLWVTA PIALLKSLIS VIHLITAARN MAALDAADRA KKK Sequence without tag. The proposed Purification-Tag is based on experiences with the expression system, a different complexity of the protein could make another tag necessary. In case you have a special request, please contact us.
Characteristics:	Key Benefits: • Made to order protein - from design to production - by highly experienced protein experts. • Protein expressed in mammalien cells and purified in one-step affinity chromatography • The optimized expression system ensures reliability for intracellular, secreted and

Product Details

transmembrane proteins.

- State-of-the-art algorithm used for plasmid design (Gene synthesis).

This protein is a made-to-order protein and will be made for the first time for your order. Our experts in the lab try to ensure that you receive soluble protein.

If you are not interested in a full length protein, please contact us for individual protein fragments.

The big advantage of ordering our made-to-order proteins in comparison to ordering custom made proteins from other companies is that there is no financial obligation in case the protein cannot be expressed or purified.

Purity:	> 90 % as determined by Bis-Tris Page, Western Blot
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Grade:	custom-made
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Target Details

Target:	CDIPT
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Alternative Name:	CDIPT (CDIPT Products)
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Background:	CDP-diacylglycerol--inositol 3-phosphatidyltransferase (EC 2.7.8.11) (Phosphatidylinositol synthase) (PI synthase) (PtdIns synthase),FUNCTION: Catalyzes the biosynthesis of phosphatidylinositol (PtdIns) as well as PtdIns:inositol exchange reaction. May thus act to reduce an excessive cellular PtdIns content. The exchange activity is due to the reverse reaction of PtdIns synthase and is dependent on CMP, which is tightly bound to the enzyme. {ECO:0000269 PubMed:8110188, ECO:0000269 PubMed:9407135}.
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Molecular Weight:	23.5 kDa
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UniProt:	O14735
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Pathways:	Inositol Metabolic Process
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Application Details

Application Notes:	In addition to the applications listed above we expect the protein to work for functional studies as well. As the protein has not been tested for functional studies yet we cannot offer a guarantee though.
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Restrictions:	For Research Use only
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Handling

Format:	Liquid
Buffer:	The buffer composition is at the discretion of the manufacturer.
Handling Advice:	Avoid repeated freeze-thaw cycles.
Storage:	-80 °C
Storage Comment:	Store at -80°C.
Expiry Date:	12 months