

Datasheet for ABIN7563976
CCPG1 Protein (AA 1-753) (His tag)



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Overview

Quantity:	1 mg
Target:	CCPG1
Protein Characteristics:	AA 1-753
Origin:	Mouse
Source:	HEK-293 Cells
Protein Type:	Recombinant
Purification tag / Conjugate:	This CCPG1 protein is labelled with His tag.

Product Details

Purpose:	Custom-made recombinant CcpG1 Protein expressed in mammalian cells.
Sequence:	<p> MSESSSDSDS SCGWTVINHE GSDIEIVNSA TASDNCGLTL EC SLVEQEEL PVLYVGHGGE ESSANNTSSV GETMLSSMRE TKSAAEVEEA PSPEDNVYFG TTSDSDIVT LEPPKLEEMG NQEVTIQEAP SSDDLNMGSS SSSQYAFQCP EPVFSSQPSD EESSDDTSH EPSPAPRRRR NRKKTVSISE SEEPPLAEPE DEPSKEPSKR HFSRGLNKC V ILALVIAVSM GFGHFYGTIQ IQKQLVRKTH EDEL DGVKGY LSQRKQEQES FLDFKSLKEN LERCWTVTES EKITFETQKK NLAAENQYLR ISLEKEEQAL SSLQEELRQL REQIRLLEDK GTSTQLVREN QVLKQYLEVE KQKTDSFLRE REMLLEARM LKRD LEREQL TAMALRAELE QFIPGQAQSR AESPSVQTEE KEVGLLQQL AELEQLIFE QQRSDLWERL YVEAKDQH GK QETDGRKRGS RGS HRAKSKS KETFLGTVKE TFDAMKNSTK EFVRHHKEKI KQAKEAVKEN LKKFSDSVKS TFRHFKDTTK NIFDEKGSKR FRAPKEAATE KTRTAYSYS YSQEAPNQ N QNCRPSAQR DGGREKPSHS EEIRKNANSY TYKAKSDCRG THSTRRVCSG MFECAGQEI SPVNKASPVR MNDFKQLIHW YLLNELETFH HWKELDQFIS PFFPNGVFRH DQQLFADFVD DVKGYLKS I K EYRVEDGNLE </p>

Product Details

KLDGCIYRHF GHVFALPFGP RSVYIKPCYY NSF **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.**

Specificity: If you are looking for a specific domain and are interested in a partial protein or a different isoform, please contact us regarding an individual offer.

Characteristics: **Key Benefits:**

- Made to order protein - from design to production - by highly experienced protein experts.
- Protein expressed in mammalian cells and purified in one-step affinity chromatography
- The optimized expression system ensures reliability for intracellular, secreted and 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, anti-tag ELISA, Western Blot and analytical SEC (HPLC)

Grade: custom-made

Target Details

Target: CCPG1

Alternative Name: CcpG1 ([CCPG1 Products](#))

Background: Cell cycle progression protein 1,FUNCTION: Acts as an assembly platform for Rho protein signaling complexes. Limits guanine nucleotide exchange activity of MCF2L toward RHOA, which results in an inhibition of both its transcriptional activation ability and its transforming activity. Does not inhibit activity of MCF2L toward CDC42, or activity of MCF2 toward either RHOA or CDC42. May be involved in cell cycle regulation. {ECO:0000269|PubMed:17000758}.

Molecular Weight: 86.1 kDa

Target Details

UniProt: [Q640L3](#)

Application Details

Application Notes:	We expect the protein to work for functional studies. As the protein has not been tested for functional studies yet we cannot offer a guarantee though.
Restrictions:	For Research Use only

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