

Datasheet for ABIN7553212  
**CCPG1 Protein (AA 1-757) (His tag)**



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## Overview

Quantity:	1 mg
Target:	CCPG1
Protein Characteristics:	AA 1-757
Origin:	Human
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:	<pre>MSSENSDSDS SCGWTVISHE GSDIEMLSV TPTDSCEPAP ECSSLEQEEL QALQIEQGES SQNGTVLMEE TAYPALEETS STIEAEEQKI PEDSIYIGTA SDDSDIVTLE PPKLEEIGNQ EVVIVEEAQS SEDFNMGSSS SSQYTFQPE TVFSSQPSDD ESSSDETSNO PSPAFRRRRA RKKTVSASES EDRLVAEQET EPSKELSKRQ FSSGLNKCVI LALVIAISMG FGHFYGTIQI QKRQQLVRKI HEDELNDMKD YLSQCQEQEQE SFIDYKSLKE NLARCWTLTE AEKMSFETQK TNLATENQYL RVSLEKEEKA LSSLQEELNK LREQIRILED KGTSTELVKE NQKCLKHLEE EKQKKHSFLS QRETLLEAK MLKRELERER LVTTALRGEL QQLSGSQLHG KSDSPNVYTE KKEIAILRER LTELERKLTFF EQQRSDLWER LYVEAKDQNG KQGTGKGGK GRGSHRAKNK SKETFLGSVK ETFDAMKNST KEFVRHHHEK IKQAKEAVKE NLKKFSDSVK STFRHFKDTT KNIFDEKGNK RFGATKEAAE KPRTVFSDYL HPQYKAPTEN HHNRGPTMQN DGRKEKPVHF KEFRKNTNSK KCSPGHDCRE NSHSFRKACS GVFDCAQVES MSLFNTVVNP IRMDEFRQII QRYMLKELDT FCHWNELDQF INKFFLNGVF IHDQKLFTDF VNDVKDYLRN MKEYEVDNDG</pre>

## Product Details

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VFEKLDEYIY RHFFGHTFSP PYGPRSVYIK PCHYSSL **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

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**Target:** CCPG1

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

**Background:** Cell cycle progression protein 1 (Cell cycle progression restoration protein 8),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 (By similarity). May be involved in cell cycle regulation. {ECO:0000250, ECO:0000269|PubMed:9383053}.

## Target Details

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Molecular Weight: 87.3 kDa

UniProt: [Q9ULG6](#)

## Application Details

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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

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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