

Datasheet for ABIN7565135
Phc2 Protein (AA 1-850) (His tag)



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Overview

Quantity:	1 mg
Target:	Phc2 (Phc2)
Protein Characteristics:	AA 1-850
Origin:	Mouse
Source:	HEK-293 Cells
Protein Type:	Recombinant
Purification tag / Conjugate:	This Phc2 protein is labelled with His tag.
Application:	Western Blotting (WB), SDS-PAGE (SDS)

Product Details

Purpose:	Custom-made recombinat Phc2 Protein expressed in mammalien cells.
Sequence:	<p>MENELPVPHT SNRASVTTNT SGTNSSSGCI SSSGGGGGSG GRPTAPQISV YSGIPDRQTV QVIQALHRQ PSTAAQYLQQ MYAAQQQHLM LQTAALQQQH LSSAQLQLA AVQQASLVAN RQGSTPGSSV SSQAPAQSSS LNLAASPAAL QLINRAQSVN SAAASGLAQQ AVLLGNTSSP ALTASQAQMY LRAQMLIFTP TATVATVQPE LCTGSPARPP TPAQVQNLTL RTQQTAAAA SGPPPTQPVL PSLALKPTPS SSQPLPAPPQ GRTMAQGSPA GAKPSGTDNA PETLKAGDGN CNMEGRPGPG RAVPAVATHP LIAPAYAHLQ SHQLLPQPPA KHPQPQFVAQ QQPQPPRPAP QVQSQQLAS VSPSLALQSS PEDHALPLGS VTQALPLQCS TTHVHKPGNS QQCHLPTLDT GSQNGHPEGG SHPPQRRFQH TSAVILQVQP ASPVTPQCA PDDWKEVVA EKSVPVARPG PSPHQAIIP AIPGGLPGPK SPNIQQCPAH ETGQGIVHAL TDLSSPGMTS GNGNSASSIA GTAPQNGENK PPQAIKPKI LTHVIEGFVI QEGAEPFVPG RSSLLVGNLK KKYAQGFLE KPPQDHTTT TDSEMEEPYL QESKEEGTPL KLCCELCGRV DFAYKFKRSK RFCSMACAKR</p>

Product Details

YNVGCTKRVG LFHSDRSKLQ KAGTTTHNRR RASKASLPTL TKDTKKQPSG TVPLSVTAAL
QLAHSQEDSS RCSDNSSYEE PLSPISASSS TSRRRQQRD LDLPDMHMRD LVGVGHHFLP
SEPTKWNVED VYEFIRSLPG CQEIAEEFRA QEIDGQALLL LKEDHLMSAM NIKLGPALKI
YARISMLKDS **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 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, Western Blot

Grade:

custom-made

Target Details

Target:

PHC2 (Phc2)

Alternative Name:

Phc2 ([PhC2 Products](#))

Background:

Polyhomeotic-like protein 2 (mPH2) (Early development regulatory protein 2) (p36),FUNCTION: Component of a Polycomb group (PcG) multiprotein PRC1-like complex, a complex class required to maintain the transcriptionally repressive state of many genes, including Hox genes, throughout development. PcG PRC1 complex acts via chromatin remodeling and modification of histones, it mediates monoubiquitination of histone H2A 'Lys-119', rendering chromatin heritably changed in its expressibility. {ECO:0000269|PubMed:16024804}.

Molecular Weight:

89.8 kDa

Target Details

UniProt: [Q9QWH1](#)

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.

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