

Datasheet for ABIN7554985
PHC3 Protein (AA 1-983) (His tag)



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Overview

Quantity:	1 mg
Target:	PHC3
Protein Characteristics:	AA 1-983
Origin:	Human
Source:	HEK-293 Cells
Protein Type:	Recombinant
Purification tag / Conjugate:	This PHC3 protein is labelled with His tag.

Product Details

Purpose:	Custom-made recombinant PHC3 Protein expressed in mammalian cells.
Sequence:	MDTEPNPGTS SVSTTTSSST TTTITTSSSR MQQPQISVYS GSDRHAVQVI QQALHRPPSS AAQYLQQMYA AQQQHLMLHT AALQQQHLSS SQLQLAAVQ ASLSSGRPST SPTGSVTQQS SMSQTSINLS TSPTPAQLIS RSQASSSTSG SITQQTMLLG STSPTLTASQ AQMYLRAQML IFTPATTVAA VQSDIPVVSS SSSSSCQSAA TQVQNLTLRS QKLGVLSSSQ NGPPKSTSQT QSLTICHNKT TVTSSKISQR DPSPESNKKG ESPSLESRST AVTRTSSIHQ LIAPASYSPI QPHSLIKHQQ IPLHSPPSKV SHHQLILQQQ QQQIQPITLQ NSTQDPPPSQ HCIPLQNHGL PPAPSNAQSQ HCSPIQSHPS PLTVSPNQSQ SAQQSVVVSP PPPHSPSQSP TIIHPQALI QPHPLVSSAL QPGPNLQQST ANQVQATAQL NLPShLPLPA SPVHIGPVQ QSALVSPGQQ IVSPSHQQYS SLQSSPIPIA SPPQMSTSP AQIPPLPLQS MQSLQVQPEI LSQGQVLVQN ALVSEELPA AEALVQLPFQ TLPPPQTVAV NLQVQPPAPV DPPVYQVED VCEEEMPEES DECVRMDRTP PPPTLSPAAI TVGRGEDLTS EHPLEQVEL PAVASVSASV IKSPSDPSHV SVPPPPLLLP AATTRSNSTS MHSSIPSIEI KPPQAIVKPK ILTHVIEGFV IQEGLEFPV

Product Details

SRSSLLIEQP VKKRPLLDNQ VINSVCVQPE LQNNTKHADN SSDTEMEDMI AEETLEEMDS
ELLKCEFCGK MGYANEFLRS KRFACTMSCAK RYNVSCSKKF ALSRWNRKPD NQSLGHRGRR
PSGPDGAARE HILRQLPITY PSAEEDLASH EDSVPSAMTT RLRRQSERER ERELDRVIR
KMPENS DLLP VAQTEPSIWT VDDVWAFIHS LPGCQDIAD E FRAQEIDGQA LLLLKEDHLM
SAMNIKLGPA LKICARINSL KES **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: PHC3

Alternative Name: PHC3 ([PHC3 Products](#))

Background: Polyhomeotic-like protein 3 (Early development regulatory protein 3) (Homolog of polyhomeotic 3) (hPH3),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

Target Details

remodeling and modification of histones, it mediates monoubiquitination of histone H2A 'Lys-119', rendering chromatin heritably changed in its expressibility.
{ECO:0000269|PubMed:12167701}.

Molecular Weight: 106.2 kDa

UniProt: [Q8NDX5](#)

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