

# Recombinant Full Length Human EPC1 Protein, GST-tagged

Cat. No. EPC1-4278HF Lot. No. (See product label)

## SPECIFICATION

<b>Product Overview</b>	Human EPC1 full-length ORF ( AAH36529.1, 1 a.a. - 813 a.a.) recombinant protein with GST-tag at N-terminal.
<b>Species</b>	Human
<b>Source</b>	In Vitro Cell Free System
<b>ProteinLength</b>	813 amino acids
<b>Description</b>	This gene encodes a member of the polycomb group (PcG) family. The encoded protein is a component of the NuA4 histone acetyltransferase complex and can act as both a transcriptional activator and repressor. The encoded protein has been linked to apoptosis, DNA repair, skeletal muscle differentiation, gene silencing, and adult T-cell leukemia/lymphoma. Alternative splicing results in multiple transcript variants. [provided by RefSeq, Dec 2012]
<b>Molecular Mass</b>	117.3 kDa
<b>AA Sequence</b>	MSKLSFRARALDASKPLPVFRCELDPLHEYASINRAVPQMPTGMEKEEESEHHLQ RAISAAQQVYGEKRDNMVIPVPEAESNIAYYESIYPGEFKMPKQLIHIQPFSLDAEQPD YDLDESEDEVFNKLLKKMDICPLQFEEMIDRLEKGGSGQQPVSLQEAKLLLLKEDDELIR EVYEWIKKRKNCRGPSLIPSVKQEKRDGSSTNDPYVAFRRRTEKMQTRKNRKNDE ASYEKMLKLRRDLSRAVTILEMIKRREKSKRELLHLTLEIMEKRYNLGDYNGEIMSEV MAQRQPMKPTYAIIPIITNSSQFKHQEAMDVKEFKVVKQDKADLIRPKRKYEKPKV LPSSAAATPQQTSPAALPVFNAKDLNQYDFPSSDEEPLSQVLSGSSEAEEDNDPDG

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PFAFRRKAGCQYYAPHLDQTGNWPWTSPKDGGLGDVRYRYCLTTLTVPQRCIGFA  
 RRRVGRGGRVLLDRAHSDYDSVFHHLDEMLSSPQHSPVNQFANTSETNTSDKSF  
 SKDLSQILVNIKSCRWRHFRPRTPSLHSDNDELSCRKLYRSINRTGTAQPGTQTCS  
 TSTQSKSSSGSAHFAFTAQYQQHQQLALMQKQQLAQIQQQANSNSSTNTSQG  
 FVSKTLDSASAQFAASALVTSEQLMGFKMKDDVVLGIGVNGVLPASGVYKGLHLSST  
 TPTALVHTSPSTAGSALLQPSNITQTSSSHSALSHQVTAANSATTQVLIGNNIRLTVP  
 SSVATVNSIAPINARHIPRTLSVVPSSALKLAAAANCQVSKVPSSSSVDSVPRENHES  
 EKPALNNIADNTVAMEVT

**Applications**

Enzyme-linked Immunoabsorbent Assay  
 Western Blot (Recombinant protein)  
 Antibody Production  
 Protein Array

**Notes**

Best use within three months from the date of receipt of this protein.

**Storage**

Store at -80 centigrade. Aliquot to avoid repeated freezing and thawing.

**Storage Buffer**

50 mM Tris-HCl, 10 mM reduced Glutathione, pH=8.0 in the elution buffer.

## GENE INFORMATION

**Gene Name**

[EPC1 enhancer of polycomb homolog 1 \(Drosophila\) \[ Homo sapiens \]](#)

**Official Symbol**

[EPC1](#)

**Synonyms**

EPC1; enhancer of polycomb homolog 1 (Drosophila); enhancer of polycomb homolog 1; Epl1; enhancer of polycomb 1; DKFZp781P2312;

**Gene ID**

[80314](#)

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<b>mRNA Refseq</b>	NM_025209
<b>Protein Refseq</b>	NP_079485
<b>MIM</b>	610999
<b>UniProt ID</b>	Q9H2F5

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