

# 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.<br>[provided by RefSeq, Dec 2012] |
| <b>Molecular Mass</b>   | 117.3 kDa                                                                                                                                                                                                                                                                                                                                                                                                                                                         |
| <b>AA Sequence</b>      | MSKLSFRARALDASKPLPVFRCELDPLHEYASINRAVPQMPTGMEKEEESEHHLQ<br>RAISAQQVYGEKRDNMVIPVPEAESNIAYYESIYPGEFKMPKQLIHQPFSLD AEQPD<br>YDL DSEDEVFNKLKKKMDICPLQFEEMIDRLEKGGSGQQPVSLQEAKLLLKEDDELIR<br>EVY EYWIKKRKNCRGPSLIPSVKQEKRDGSSTNDPYVAFRRRTEKMQTRKNRKNDE<br>ASYEKMLKLRRDLSRAVTILEMIKRREKSKRELLHLTLEIMEKRYNLGDYNGEIMSEV<br>MAQRQPMKPTYAIIPIITNSSQFKHQEAMDVKEFKV NKQDKADLIRPKRKY EKKPKV<br>LPSSAAATPQQTSPAALPVFNAKDLNQYDFPSSDEEPLSQVLSGSSEAEEDNDPDG                        |

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PFAFRRKAGCQYYAPHLDQTGNWPWTSPKDGGLGDVRYRYCLTTLTVPQRCIGFA  
 RRRVGRGGRVLLDRAHSDYDSVFHHLDEMLSSPQHSPVNQFANTSETNTSDKSF  
 SKDLSQILVNIKSCRWRHFRPRTPSLHSDNDELSCRKLYRSINRTGTAQPGTQTCS  
 TSTQSKSSSGSAHFAFTAQYQQHQQQLALMQKQQLAQIQQQANSNSSTNTSQG  
 FVSKTLDSASAQFAASALVTSEQLMGFKMKDDVVLGIGVNGVLPASGVYKGLHLSST  
 TPTALVHTSPSTAGSALLQPSNITQTSSSHSALSHQVTAANSATTQVLIGNNIRLTVP  
 SSVATVNSIAPINARHIPRTLSPVPSSALKLAAAANCQVSKVPSSSSVDSVPRENHES  
 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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|                |           |
|----------------|-----------|
| mRNA Refseq    | NM_025209 |
| Protein Refseq | NP_079485 |
| MIM            | 610999    |
| UniProt ID     | Q9H2F5    |

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