

Recombinant Human EPC1 Protein, GST-tagged

Cat. No. EPC1-3364H **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Human EPC1 full-length ORF (AAH36529.1, 1 a.a. - 813 a.a.) recombinant protein with GST-tag at N-terminal.
Species	Human
Source	Wheat Germ
Description	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]
Molecular Mass	117.3 kDa
AA Sequence	MSKLSFRARALDASKPLPVFRCELDPLHEYASINRAVPQMPTGMEKEEESHHLQ RAISAAQQVYGEKRDNMVIPVPEAESNIAYYESIYPGEFKMPKQLIHQPFSLD AEQPD YDL DSEDEVFNK LKKKMDICPLQFEEMIDRLEK GSGQQPVSLQEAKLLLKEDDELIR EVY EYWIKKRKNCRGPSLIPSVKQEKR DGSSTNDPYVAFRRRTEKMQTRKNRKNDE ASYE KMLKLRRDLSRAVTILEMIKRREKSKRELLHLTLEIMEKRYNLGDYNGEIMSEV MAQRQPMKPTYAIIPIITNSSQFKHQEAMDVKEFKV NKQDKADLIRPKRKY EKKPKV LPSSAAATPQQTSPAALPVFNAKDLNQYDFPSSDEEPLSQVLSGSSEAEEDNDPDG PFAFRRKAGCQYYAPHL DQTGNWPWTSPKDGGLGDVRYRYCLTTLTVPQRCIGFA

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RRRVGRGGRVLLDRAHSDYDSVFHHLDEMLSSPQHSPVNQFANTSETNTSDKSF
 SKDLSQILVNIKSCRWRHFRPRTPSLHSDNDELSCRKLYRSINRTGTAQPGTQTCS
 TSTQSKSSSGSAHFAFTAEQYQQHQQLALMQKQQLAQIQQQANSNSSTNTSQG
 FVSKTLDASAAQFAASALVTSEQLMGFKMKDDVVLGIGVNGVLPASGVYKGLHLSST
 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](#)

mRNA Refseq

[NM_025209](#)

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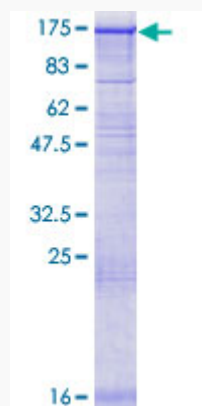
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Protein Refseq NP_079485

MIM 610999

UniProt ID Q9H2F5

**Quality Control
Testing**



12.5% SDS-PAGE Stained with Coomassie Blue.

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