

Recombinant Full Length Human EPC1 Protein, GST-tagged

Cat. No. EPC1-4278HF **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	In Vitro Cell Free System
ProteinLength	813 amino acids
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	MSKLSFRARALDASKPLPVFRCELDPLHEYASINRAVPQMPTGMEKEEESEHHLQ RAISAQQVYGEKRDNMVIPVPEAESNIAYYESIYPGEFKMPKQLIHQPFSLD AEQPD YDL DSEDEVFNKLKKKMDICPLQFEEMIDRLEKGGSGQQPVSLQEAKLLLKEDDELIR EVY EYWIKKRKNCRGPSLIPSVKQEKRDGSSTNDPYVAFRRRTEKMQTRKNRKNDE ASYEKMLKLRRDLSRAVTILEMIKRREKSKRELLHLTLEIMEKRYNLGDYNGEIMSEV MAQRQPMKPTYAIIPIITNSSQFKHQEAMDVKEFKV NKQDKADLIRPKRKY EKKPKV LPSSAAATPQQTSPAALPVFNAKDLNQYDFPSSDEEPLSQVLSGSSEAEEDNDPDG

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PFAFRRKAGCQYYAPHLDQTGNWPWTSPKDGGLGDVRYRYCLTTLTVPQRCIGFA
 RRRVGRGGRVLLDRAHSDYDSVFHHLDEMLSSPQHSPVNQFANTSETNTSDKSF
 SKDLSQILVNIKSCRWRHFRPRTPSLHSDNDELSCRKLYRSINRTGTAQPGTQTCS
 TSTQSKSSSGSAHFAFTAEQYQQHQQLALMQKQQLAQIQQQANSNSSTNTSQG
 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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