

Recombinant Full Length Human EZH1 Protein, C-Flag-tagged

Cat. No. EZH1-1661HFL **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Recombinant Full Length Human EZH1 Protein, fused to Flag-tag at C-terminus, was expressed in Mammalian cells.
Species	Human
Source	Mammalian Cells
Description	EZH1 is a component of a noncanonical Polycomb repressive complex-2 (PRC2) that mediates methylation of histone H3 lys27 (H3K27) and functions in the maintenance of embryonic stem cell pluripotency and plasticity.
Form	25 mM Tris HCl, pH 7.3, 100 mM glycine, 10% glycerol.
Molecular Mass	85.1 kDa
AA Sequence	MEIPNPPTSKCITYWKRKVKSEYMRLRQLKRLQANMGAKALYVANFAKVQEKQTQILN EEWKKLRVQPVS MKPVSGHPFLKKCTIESIFPGFASQHMLMRSLNTVALVPIMYS WSPLQQNFMVEDETVLCNIPYMGDEVK EEDETFIEELINNYDGKVVHGEEMIPGSV LISDAVFLELVDALNQYSDEEEEGHNDTSDGKQDDSKEDLP VTRKRKRHAIEGNKK SSKKQFPNDMIFSAIASMFPENGVPDDMKERYRELTEMSPNALPPQCTPNIDGP N AKSVQREQSLHSFHTLFCRRCFKYDCFLHPFHATPNVYKRKNKEIKIEPEPCGTDCF LLLEGAKEYAML HNPRSKCSGRRRRRRHHIVSASCSNASASAVAETKEGDSDRDTG NDWASSSSEANSRCQTPTKQKASPAPP QLCVVEAPSEPVEWTGAEESLFRVFHGT YFNNFCSIARLLGKTCKQVFQFAVKESLILKLPTDELMNPS QKKKRKHRLWAAHCR KIQLKKDNSSTQVYNYQPCDHPDRPCDSTCPCIMTQNFCEKFCQCNPDQCQNRFPG

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CRCKTQCNTKQCPCYLAVRECDPDLCLTCGASEHWDCKVVSCKNCSIQRGLKKHL
 LLAPSDVAGWGTFIK ESVQKNEFISEYCGELISQDEADRRGKVYDKYMSSFLNLNN
 DFVVDATRKGNKIRFANHSPNPNYAKV
 VMVNGDHRIGIFAKRAIQAGEELFFDYRYSQADALKYVGIERETDVLTRTRPLEQKLI
 SEEDLAANDILDYKDDDDKV

Purity	> 80% as determined by SDS-PAGE and Coomassie blue staining.
Stability	Stable for 12 months from the date of receipt of the product under proper storage and handling conditions. Avoid repeated freeze-thaw cycles.
Storage	Store at -80 centigrade.
Concentration	>50 ug/mL as determined by microplate BCA method.
Preparation	Recombinant protein was captured through anti-DDK affinity column followed by conventional chromatography steps.
Protein Families	Druggable Genome, Transcription Factors
Full Length	Full L.

GENE INFORMATION

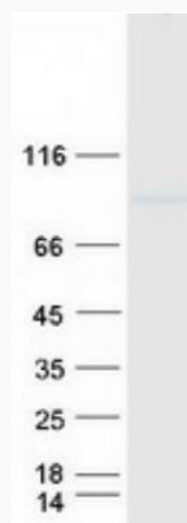
Gene Name	EZH1 enhancer of zeste 1 polycomb repressive complex 2 subunit [Homo sapiens (human)]
Official Symbol	EZH1
Synonyms	KMT6B

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Gene ID	2145
mRNA Refseq	NM_001991.5
Protein Refseq	NP_001982.2
MIM	601674
UniProt ID	Q92800



Coomassie blue staining of purified EZH1 protein.