

Recombinant Human EZH1 Protein, Myc/DDK-tagged, C13 and N15-labeled

Cat. No. EZH1-2777H **Lot. No.** (See product label)

SPECIFICATION

Product Overview	EZH1 MS Standard C13 and N15-labeled recombinant protein (NP_001982) with a C-terminal MYC/DDK tag, was expressed in HEK293 cells.
Species	Human
Source	HEK293
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.
Molecular Mass	85.1 kDa
AA Sequence	MEIPNPPTSKCITYWKRKVKSEYMRLRQLKRLQANMGAKALYVANFAKVQEKTQILN EEWKKLRVQPVQSMKPVSGHPFLKKCTIESIFPGFASQHMLMRSNTVALVPIMYS WSPLQQNFMVEDETVLCNIPYMGDEVKEEDETFFIELINNYDGKVHGEEEMIPGSVL ISDAVFLELVDALNQYSDEEEEGHNDTSDGKQDDSKEDLPVTRKRKRHAIEGNKKS SKKQFPNDMIFSAIASMFENGVPDDMKERYRELTEMSDPNALPPQCTPNIDGPNA KSVQREQSLHSFHTLFCRRCFKYDCFLHPFHATPNVYKRKNKEIKIEPEPCGTDCFL LLEGAKEYAMLHNPRSKCSGRRRRRHIVSASCSNASASAVAETKEGDSDRDTGN DWASSSSEANSRCQTPTKQKASPAPPQLCVVEAPSEPVEWTGAEESLFRVFHGT FNNFCSIARLLGKTCKQVFQFAVKESLILKLPTDELMNPSQKKRKHRLWAAHCRKI QLKKDNSSTQVYNYQPCDHPDRPCDSTCPCIMTQNFCEKFCQCNPDQNRFPGC

 Tel: 1-631-559-9269 1-516-512-3133

 Email: info@creative-biomart.com  Fax: 1-631-938-8127

 45-1 Ramsey Road, Shirley, NY 11967, USA

RCKTQCNTKQCPCYLAVRECDPDLCLTCGASEHWDCKVVSCKNCSIQRGLKKHLLL
 APSDVAGWGTFIKESVQKNEFISEYCGELISQDEADRRGKVYDKYMSSFLFNLNND
 VVDATRKGNKIRFANHSVNPNCYAKVVMVNGDHRIGIFAKRAIQAGEELFFDYRYSQ
 ADALKYVGIERETDVLTRTRPLEQKLISEEDLAANDILDYKDDDDKV

Purity > 80% as determined by SDS-PAGE and Coomassie blue staining

Stability Stable for 3 months from receipt of products under proper storage and handling conditions.

Storage Store at -80 centigrade. Avoid repeated freeze-thaw cycles.

Concentration 50 µg/mL as determined by BCA

Storage Buffer 100 mM glycine, 25 mM Tris-HCl, pH 7.3.

GENE INFORMATION

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

Official Symbol EZH1

Synonyms EZH1; enhancer of zeste homolog 1 (Drosophila); enhancer of zeste (Drosophila) homolog 1; histone-lysine N-methyltransferase EZH1; KIAA0388; KMT6B; ENX-2;

Gene ID 2145

mRNA Refseq NM_001991

Protein Refseq NP_001982

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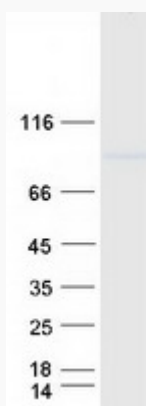
 Email: info@creative-biomart.com  Fax: 1-631-938-8127

 45-1 Ramsey Road, Shirley, NY 11967, USA

MIM 601674

UniProt ID Q92800

SDS-PAGE



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