



# Recombinant Human Histone-lysine N-methyltransferase EZH2 (EZH2)

<b>Product Code</b>	CSB-EP613606HU-B
<b>Abbreviation</b>	EZH2
<b>Storage</b>	The shelf life is related to many factors, storage state, buffer ingredients, storage temperature and the stability of the protein itself. Generally, the shelf life of liquid form is 6 months at -20°C/-80°C. The shelf life of lyophilized form is 12 months at -20°C/-80°C.
<b>Uniprot No.</b>	Q15910
<b>Product Type</b>	Recombinant Protein
<b>Immunogen Species</b>	Homo sapiens (Human)
<b>Purity</b>	>85% (SDS-PAGE)
<b>Sequence</b>	MGQTGKKSEK GPVCWRKRVK SEYMRLRQLK RFRRRADEVKS MFSSNRQKIL ERTEILNQEW KQRRIQPVHI LTSVSSLRGT RECSVTSDDL FPTQVIPLKT LNAVASVPIM YSWSPQQNF MVEDETVLHN IPYMGDEVLD QDGTFFIEELI KNYDGKVVHGD RECGFINDEI FVELVNALGQ YNDDDDDDDDG DDPEEREEKQ KDLEDHRDDK ESRPPRKFPS DKIFEAISSM FPDKGTAEEL KEYKELTEQ QLPGALPPEC TPNIDGPNK SVQREQSLHS FHTLFCRRCF KYDCFLHPFH ATPNTYKRKN TETALDNKPC GPQCYQHLEG AKEFAAALTA ERIKTPPKRP GGRRRGRLPN NSSRPSTPTI NVLESKDTDS DREAGTETGG ENNDKEEEEEK KDETSSSSEA NSRCQTPIKM KPNIEPPENV EWSGAEASMF RVLIGTYNDN FCAIARLIGT KTCRQVYEFV VKESSIIAPA PAEDVDTPPR KKKRKHLWA AHCRKIQLKK DGSSNHVYNY QPCDHPRQPC DSSCPCVIAQ NFCEKFCQCS SECQNRFPGC RCKAQCNTKQ CPCYLAVREC DPDLCLTCGA ADHWDSKNVS CKNCISQGRS KKHLLAPSD VAGWGIFIKD PVQKNEFISE YCGEISQDE ADRRGKVYDK YMCSFLFNLN NDFVVDATRK GNKIRFANHS VNPNCYAKVM MVNGDHRIGI FAKRAIQTGE ELFFDYRYSQ ADALKYVGIE REMEIP
<b>Source</b>	E.coli
<b>Target Names</b>	EZH2
<b>Protein Names</b>	Recommended name: Histone-lysine N-methyltransferase EZH2 EC=2.1.1.43 Alternative name(s): ENX-1 Enhancer of zeste homolog 2 Lysine N-methyltransferase 6
<b>Expression Region</b>	1-746
<b>Notes</b>	Repeated freezing and thawing is not recommended. Store working aliquots at 4°C for up to one week.
<b>Tag Info</b>	Tag type will be determined during the manufacturing process.
<b>Protein Length</b>	full length protein
<b>Target Details</b>	This gene encodes a member of the Polycomb-group (PcG) family. PcG family



members form multimeric protein complexes, which are involved in maintaining the transcriptional repressive state of genes over successive cell generations. This protein associates with the embryonic ectoderm development protein, the VAV1 oncoprotein, and the X-linked nuclear protein. This protein may play a role in the hematopoietic and central nervous systems. Two transcript variants encoding distinct isoforms have been identified for this gene.

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**Reconstitution**

We recommend that this vial be briefly centrifuged prior to opening to bring the contents to the bottom. Please reconstitute protein in deionized sterile water to a concentration of 0.1-1.0 mg/mL. We recommend to add 5-50% of glycerol (final concentration) and aliquot for long-term storage at -20°C/-80°C. Our default final concentration of glycerol is 50%. Customers could use it as reference.

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**Shelf Life**

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