

Histone-lysine N-methyltransferase EZH2 (EZH2) Recombinant Protein | EZH2 recombinant protein

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

CATALOG # AAA190338	HOST E. coli AA 446-751 (Q15910).
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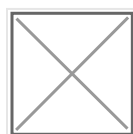
PRODUCT SYNONYMS

Histone-lysine N-methyltransferase EZH2 (EZH2); Recombinant Human Histone-lysine N-methyltransferase EZH2 (EZH2) Protein; ENX-1; KMT6; KMT6A; Enhancer Of Zeste Homolog 2; Lysine N-methyltransferase 6.; EZH2 recombinant protein

PRODUCT SPECIFICATIONS

Host	E. coli AA 446-751 (Q15910).
Purity/Purification	> 90 % as determined by SDS-PAGE.
Form/Format	58 mM Na ₂ HPO ₄ , 17 mM Na ₂ HPO ₄ , 68 mM NaCl, pH 7.0, with 15% glycerol.
Concentration	0.5 mg/mL (varies by lot)
Sequence	RVLIGTYIDN FCAIARLIGT KTCRQVYEFR VKESSIIAPA PAEDVDTPPR KKKRKHLRLWA AHCRKIQLKK DGSSNHVYNY QPCDHPRQPC DSSCPCVIAQ NFCEKFCQCS SECQNRFP GC RCKAQCNTKQ CPCYLAVREC DPDLCLTCGA ADHWDSKNVS CKNC SIQRGS KKHLLAPSD VAGWGIFIKD PVQKNEFISE YCGEISQDE ADRRGKVYDK YMCSFLNLN NDFVVDATRK GNKIRFANHS VNPNCYAKVM MVNGDHRIGI FAKRAIQTGE ELFFDYRYSQ ADALKYVGIE REMEIP
Species	Human
Source	Human
Protein residues	with 6*His-tag.
Volume	0.2 mL
Usage	EZH2 Protein - Centrifuge the standard vial at 6000-10000rpm for 30s.
Preparation and Storage	Storage: Store it under sterile conditions at -20°C upon receiving. Recommend to aliquot the protein into smaller quantities for optimal storage. **Avoid repeated freeze-thaw cycles.** Stability: The recombinant protein is stable for up to 6-12 months from date of receipt at -80°C.

IMAGES



SDS-PAGE

ADDITIONAL INFORMATION

Related Product Information for EZH2 recombinant protein	EZH2 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. EZH2 acts mainly as a gene silencer; it performs this role by the addition of three methyl groups to Lysine 27 of histone 3, a modification leading to chromatin condensation. This protein associates with the embryonic ectoderm development protein, the VAV1 oncoprotein, and the X-linked nuclear protein (XNP). 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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NCBI AND UNIPROT INFORMATION

UniProt Accession #	Q15910
Molecular Weight	Predicted MW: 42 kDa Observed MW: 42 kDa

For Research Use Only. Not for use in diagnostic or therapeutic procedures. Small volumes of product may become entrapped in the seal of the vial during shipment and storage; if necessary, briefly centrifuge the vial on a tabletop centrifuge to dislodge any liquid in the cap.

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Online datasheet: <https://stage.aaabiotech.com/histone-lysine-n-methyltransferase-ezh2-ezh2-recombinant-protein-e-coli-aa-446-751/190338>