

Recombinant Human EZH2 Protein, His-tagged

Cat. No. EZH2-42H **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Recombinant Human EZH2(C-term-306aa) fused with His tag was expressed in E. coli.
Species	Human
Source	E.coli
ProteinLength	C-term-306aa
Description	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. Multiple alternatively spliced transcript variants encoding distinct isoforms have been identified for this gene.
Form	The purified protein was resolved in 1M PBS (58mM Na ₂ HPO ₄ , 17mM NaH ₂ PO ₄ , 68mM NaCl, pH7.) added with 300mM Imidazole and 15%glycerol.
AA Sequence	RVLIGTYDYNFCAIARLIGTKTCRQVVEFRVKESSIIAPAPAEDVDTPPRKKKRKHRL WAAHCRKIQLKKDGSSNHVYNYQPCDHPRQPCDSSCPCVIAQNFCEKFCQCSSEC QNRFPGCRCKAQCN TKQCPCYLAVRECDPDLCLTCGAADHWDSKNVSKNCSIQR GSKKHLLAPSDVAGWGIFIKDPVQKNEFISEYCGEII SQDEADRRGKVYDKYMC SFL FNLNDFVVDATRKGNKIRFANHSVNPNCYAKVMMVNGDHRIGIFAKRAIQTGEELF

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Storage

Aliquot and store at -20 centigrade to -80 centigrade for up to 6 months. Avoid freeze thaw cycles.

Shipping

The product is shipped with ice packs. Upon receipt, store it immediately at -20 centigrade to -80 centigrade.

GENE INFORMATION

Gene Name

EZH2 enhancer of zeste homolog 2 (Drosophila) [Homo sapiens]

Official Symbol

EZH2

Synonyms

EZH2; enhancer of zeste homolog 2 (Drosophila); enhancer of zeste (Drosophila) homolog 2; histone-lysine N-methyltransferase EZH2; ENX 1; EZH1; KMT6; KMT6A; lysine N-methyltransferase 6; ENX1; WVS2; ENX-1; MGC9169;

Gene ID

2146

mRNA Refseq

NM_004456

Protein Refseq

NP_004447

MIM

601573

UniProt ID

Q15910

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