

Histone-lysine N-methyltransferase EZ2 (EZ2), Recombinant Protein

Cat *RP10267*

Species

Zea mays (Maize)

Full Product Name

Recombinant Zea mays Histone-lysine N-methyltransferase EZ2 (EZ2), partial

Product Gene Name

EZ2 recombinant protein

Product Synonym Gene Name

EZ2

Purity

Greater or equal to 85% purity as determined by SDS-PAGE. (lot specific)

Format

Lyophilized or liquid (Format to be determined during the manufacturing process)

Host

E Coli or Yeast or Baculovirus or Mammalian Cell

Molecular Weight

69,732 Da

Storage

Store at -20°C. For long-term storage, store at -20°C or -80°C. Store working aliquots at 4°C for up to one week. Repeated freezing and thawing is not recommended.

Protein Family

Histone-lysine N-methyltransferase

NCBI Accession

NP_001105650.1

NCBI GI

162459885

NCBI GenBank Nucleotide

NM_001112180.1

NCBI GeneID

542659

NCBI Official Full Name

histone-lysine N-methyltransferase EZ2

NCBI Official Symbol

mez2

FOR RESEARCH OR FURTHER MANUFACTURING USE ONLY

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NCBI Official Synonym Symbols

GRMZM5G875502

NCBI Protein Information

histone-lysine N-methyltransferase EZ2

UniProt Gene Name

EZ2

UniProt Synonym Gene Names

MEZ2

UniProt Protein Name

Histone-lysine N-methyltransferase EZ2

UniProt Synonym Protein Names

Enhancer of zeste protein 2

UniProt Primary Accession

Q8S4P5

UniProt Related Accession

Q8S4P5

UniProt Comments

Polycomb group (PcG) protein. Catalytic subunit of some PcG multiprotein complex, which methylates 'Lys-27' of histone H3, leading to transcriptional repression of the affected target genes. PcG proteins are not required to initiate repression, but to maintain it during later stages of development .

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