

Recombinant Human EZH2 protein, His-tagged

Cat. No. EZH2-175H **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Mutant version of EZH2 5-member complex, but with a Tyr-to-Phe mutation on a.a. 646 of the EZH2 protein. Complex of human EZH2 (GenBank Accession No. NM_004456), a.a. 2-end; Y646F*, with N-terminal His tag, MW= 86 kDa, human EED (NM_003797), a.a. 2-end with N-terminal Flag tag, MW= 51 kDa, human SUZ12 (NM_015355), a.a. 2-end with N-terminal His tag, MW = 87 kDa, Human AEBP2 (NM_153207), a.a. 2-end with N-terminal His tag, MW= 53 kDa, and human RbAp48 (NM_005610), a.a. 2-end with N-terminal His tag, MW = 48 kDa, co-expressed in baculovirus expression system.
Species	Human
Source	Insect Cells
ProteinLength	2–end (all components)
Form	25 mM Tris-HCl, pH 8.0, 138 mM NaCl, 0.05% Tween-20, and 10% glycerol.
Molecular Mass	325 kDa (complex)
Purity	≥ 91%
Applications	Useful for Western blot analysis and to investigate protein-protein interactions in the EZH2 complex.
Storage	>6 months at -80 centigrade. Avoid freeze/thaw cycles

 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

Concentration 0.25 mg/ml

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

Chromosome Location 7q35-q36

Function DNA binding; histone methyltransferase activity; histone-lysine N-methyltransferase activity; methyltransferase activity; protein binding; transferase activity;

 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