

Full-Length

EZH1 (Human) Recombinant Protein (P01)

Catalog # H00002145-P01

Size 50 ug

Specification

Product Description	Human EZH1 full-length ORF (NP_001982.2, 1 a.a. - 747 a.a.) recombinant protein with GST-tag at N-terminal.
Sequence	MEIPNPPTSKCITYWKRKVKSEYMRLRQLKRLQANMGAKALYANFAKVQEKTQILNEEWKKLRV QPVQSMKPVSGHPFLKKCTIESIFPGFASQHMLMRSLNTVALVPIMYSWSPLQQNFMVEDET VLC NIPYMGDEVKEEDET FIEELINNYDGKVHGEEEMIPGSVLISDAVFLELVDALNQYSDEEEEGHNDT SDGKQDDSKEDLPVTRKRKRHAIEGNKKSSKKQFPNDMIFSAIASMFPENGVPDDMKERYRELT EMSDPNALPPQCTPNIDGPNASVQREQLHSFHTLFCRRCFKYDCFLHPFHATPNVYKRKNKEI KIEPEPCGTDCFLLEGAKEYAMLHNPRSKCSGRRRRRHIVSASCNASASAVAETKEGDS DR DTGNDWASSSSEANSRCQTPTKQKASPAPPQLCVVEAPSEPVEWTGAEE SLFRVFHGT YFNNF CSARLLGKTCKQVFQFAVKESLILKLPTDELMNP SQKKRKHRLWAAHCRKIQLKKDNSSTQVY NYQPCDHPDRPCDSTCPCIMTQNFCEKFCQCNPDCQNRFP GCRCKTQCNTKQCPCYLAVREC DPDLCLTCGASEHWDCKVVSCKNCSIQRGLKKHLLAPSDVAGWGTFIKESVQKNEFISEYCGE LISQDEADRRGKVYDKYMSSFLFNLNND FVVDATRKGNKIRFANHSVNPNCYAKVVMVNGDHRIGI FAKRAIQAGEELFFDYRYSQADALKYVGIERETDVL
Host	Wheat Germ (in vitro)
Theoretical MW (kDa)	111.7
Interspecies Antigen Sequence	Mouse (98); Rat (98)
Preparation Method	in vitro wheat germ expression system
Purification	Glutathione Sepharose 4 Fast Flow
Storage Buffer	50 mM Tris-HCl, 10 mM reduced Glutathione, pH=8.0 in the elution buffer.
Storage Instruction	Store at -80°C. Aliquot to avoid repeated freezing and thawing.
Note	Best use within three months from the date of receipt of this protein.

Applications

- Enzyme-linked Immunoabsorbent Assay
- Western Blot (Recombinant protein)
- Antibody Production
- Protein Array

Gene Info — EZH1

Entrez GeneID [2145](#)

GeneBank Accession# [NM_001991.2](#)

Protein Accession# [NP_001982.2](#)

Gene Name EZH1

Gene Alias KIAA0388

Gene Description enhancer of zeste homolog 1 (Drosophila)

Omim ID [601674](#)

Gene Ontology [Hyperlink](#)

Gene Summary EZH1 is a component of a noncanonical Polycomb repressive complex-2 (PRC2) that mediates methylation of histone H3 (see MIM 602812) lys27 (H3K27) and functions in the maintenance of embryonic stem cell pluripotency and plasticity (Shen et al., 2008 [PubMed 19026780]).[supplied by OMIM]

Other Designations enhancer of zeste homolog 1

Disease

- [Head and Neck Neoplasms](#)
- [Neoplasm Recurrence](#)
- [Neoplasms](#)