

Recombinant Full Length Human EZH2 Protein, GST-tagged

Cat. No. EZH2-1003HF Lot. No. (See product label)

SPECIFICATION

| | |
|-------------------------|--|
| Product Overview | Human EZH2 full-length ORF (NP_004447.2, 1 a.a. - 751 a.a.) recombinant protein with GST-tag at N-terminal. |
| Species | Human |
| Source | In Vitro Cell Free System |
| Protein Length | 751 amino acids |
| 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 | 50 mM Tris-HCl, 10 mM reduced Glutathione, pH=8.0 in the elution buffer. |
| Molecular Mass | 112.4 kDa |
| AA Sequence | MGQTGKKSEK GPVWCWRKRVK SEYMRLRQLK RFRRRADEVKS MFSSNRQKIL ERTEILNQEWE KQRRIQPVHI LTSVSSLRGT RECSVTSDDL FPTQVIPLKT LNAVASVPIM YSWSPLQQNF MVEDETVLHN IPYMGDEVLD QDGTFFIELI KNYDGVKVGHD RECGFINDEI FVELVNALGQ YNDDDDDDDDG DDPEEREKQ |

 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

KDLEDHRDDK ESRPPRKFPS DKIFEAISSM FPDKGTAEEEL KEKYKELTEQ
 QLPGALPPEC TPNIDGPNNAK SVQREQSLHS FHTLFCRRCF KYDCFLHRKC
 NYSFHATPNT YKRKNTETAL DNKPCGPQCY QHLEGAKEFA AALTAERIKT
 PPKRPGGRRR GRLPNNSSRP STPTINVLES KDTDSREAG TETGGENNDK
 EEEEEKDETS SSSEANSRCQ TPIKMKNIE PPENVEWSGA EASMFRVLIG
 TYYDNFCAIA RLIGTKTCRQ VYEFVRKES IIAPAPAEDV DTPPRKKRK
 HRLWAAHCRK IQLKKGSSN HVYNYQPCDH PRQPCDSSCP CVIAQNFCEK
 FCQCSSECQN RFPGCRCKAQ CNTKQCPCYL AVRECDPDLCLTCGAADHWD
 SKNVSCKNCS IQRGSKKHLL LAPSDVAGWG IFIKDPVQKN EFISEYCGEI
 ISQDEADRRG KVYDKYMCSF LFNLNDFV DATRKGKIR FANHSVNPNC
 YAKVMMVNGD HRIGIFAKRA IQTGEELFFD YRYSQADALK YVGIERE MEI P

Storage Store at -80 centigrade. Aliquot to avoid repeated freezing and thawing.

GENE INFORMATION

| | |
|------------------------|---|
| Gene Name | EZH2 enhancer of zeste 2 polycomb repressive complex 2 subunit [Homo sapiens (human)] |
| Official Symbol | EZH2 |
| Synonyms | ENX-1; ENX1; EZH1; EZH2b; KMT6; KMT6A; WVS; WVS2 |
| Gene ID | 2146 |
| mRNA Refseq | NM_004456 |
| Protein Refseq | NP_004447 |
| MIM | 601573 |

 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



UniProt ID

Q15910

 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