

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
ProteinLength	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 GPVCWRKRVK SEYMRLRQLK RFRRRADEVKS MFSSNRQKIL ERTEILNQEW KQRRIQPVHI LTSVSSLRGT RECSVTSDDL FPTQVIPLKT LNAVASVPIM YSWSPLQQNF MVEDETVLHN IPYMGDEVLD QDGTFFIEMI KNYDGVKHGD RECGFINDEI FVELVNALGQ YNDDDDDDDDG DDPEEREKQ

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KDLEDHRDDK ESRPPRKFPS DKIFEAISSM FPDKGTAEEEL KEKYKELTEQ
 QLPGALPPEC TPNIDGPNAK SVQREQSLHS FHTLFCRRCF KYDCFLHRKC
 NYSFHATPNT YKRKNTETAL DNKPCGPQCY QHLEGAKEFA AALTAERIKT
 PPKRPGGRRR GRLPNNSSRP STPTINVLES KDTDSREAG TETGGENNDK
 EEEEEKDETS SSSEANSRCQ TPIKMKNIE PPENVEWSGA EASMFRVLIG
 TYYDNFCAIA RLIGTKTCRQ VYEFVRKES IIAPAPAEDV DTPPRKKKRK
 HRLWAAHCRK IQLKKDGSSN HVYNYQPCDH PRQPCDSSCP CVIAQNFCEK
 FCQCSSECQN RFPGCRCKAQ CNTKQCPCYL AVRECDPDLC LTCGAADHWD
 SKNVSCKNCS IQRGSKKHLL LAPSDVAGWG IFIKDPVQKN EFISEYCGEI
 ISQDEADRRG KVYDKYMCSF LFNLNNDFVV DATRKGNKIR FANHSVNPNC
 YAKVMMVNGD HRIGIFAKRA IQTGEELFFD YRYSQADALK YVGIEREMEI 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

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UniProt ID

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