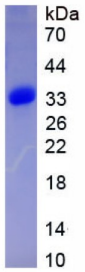
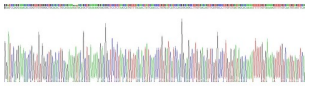
Human Enhancer Of Zeste Homolog 2 (EZH2) Protein

Catalogue No.:abx652256



SDS-PAGE analysis of Human Enhancer Of Zeste Homolog 2 (EZH2) Protein.



Gene sequencing extract of Human Enhancer Of Zeste Homolog 2 (EZH2) Protein.

Enhancer Of Zeste Homolog 2 (EZH2) Protein is a Recombinant protein from Human.

Target:	Enhancer Of Zeste Homolog 2 (EZH2)
Origin:	Human
Expression:	Recombinant
Tested Applications:	WB, SDS-PAGE
Host:	E. coli
Conjugation:	Unconjugated
Form:	Lyophilized
Purity:	> 90%
Reconstitution:	To keep the original salt concentration, we recommend reconstituting to the original concentration prior to lyophilization (see Concentration) in ddH_2O. If a lower concentration is required, dilute in 20 mM Tris, 150 mM NaCl, pH 8.0. If a higher concentration is required, the product can be reconstituted directly in 20 mM Tris, 150 mM NaCl, pH 8.0, though please note that this will change the overall salt concentration. The stock concentration should be between 0.1-1.0 mg/ml. Do not vortex.

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Storage:	Store at 2-8 °C for up to one month. Store at -80 °C for up to one year. Avoid repeated freeze/thaw cycles.
UniProt Primary AC:	Q15910 (UniProt, ExPASy)
KEGG:	hsa:2146
String:	9606.ENSP00000320147
Molecular Weight:	Calculated MW: 29.2 kDa Observed MW (SDS-PAGE): 33 kDa Possible reasons why the actual band size differs from the predicted band size: 1. Splice variants. Alternative splicing may create different sized proteins from the same gene. 2. Relative charge. The composition of amino acids may affect the charge of the protein. 3. Post-translational modification. Phosphorylation, glycoslyation, methylation etc. may affect the band size. 4. Post-translational cleavage. Many proteins are synthesised as pro-proteins, and then cleaved to give the active form. 5. Polymerisation of the target protein. Dimerisation, multimerisation etc. will increase the band size observed.
Sequence Fragment:	Arg494-Val737
Sequence:	RKHRLWA AHCRKIQLKK DGSSNHVYNY QPCDHPRQPC DSSCPCVIAQ NFCEKFCQCS SECQNRFPGC RCKAQCNTKQ CPCYLAVREC DPDLCLTCGA ADHWDSKNVS CKNCSIQRGS KKHLLLAPSD VAGWGIFIKD PVQKNEFISE YCGEIISQDE ADRRGKVYDK YMCSFLFNLN NDFVVDATRK GNKIRFANHS VNPNCYAKVM MVNGDHRIGI FAKRAIQTGE ELFFDYRYSQ ADALKYV
Tag:	N-terminal His tag
Buffer:	Prior to lyophilization: 20 mM Tris, 150 mM NaCl, pH 8.0, containing 0.01% Sarcosyl, 5% Trehalose.
Activity:	Not tested
Concentration:	Prior to lyophilization: 200 µg/ml
Note:	THIS PRODUCT IS FOR RESEARCH USE ONLY. NOT FOR USE IN DIAGNOSTIC, THERAPEUTIC OR COSMETIC PROCEDURES. NOT FOR HUMAN OR ANIMAL CONSUMPTION.

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