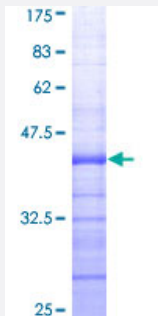


EZH2 (Human) Recombinant Protein (Q01)

Catalog # H00002146-Q01

Size 25 ug, 10 ug

Applications



Specification

Product Description	Human EZH2 partial ORF (AAH10858, 1 a.a. - 110 a.a.) recombinant protein with GST-tag at N-terminal.
Sequence	MGQTGKKSEKGPVCWRKRVKSEYMRLRQLKRFRRADEVKSMFSSNRQKILERTEILNQEWKQR RIQPVHILTSVSSLRGTRECSVTSDLDFPTQVIPLKTLNAVASVPIM
Host	Wheat Germ (in vitro)
Theoretical MW (kDa)	37.84
Preparation Method	in vitro wheat germ expression system
Purification	Glutathione Sepharose 4 Fast Flow
Quality Control Testing	12.5% SDS-PAGE Stained with Coomassie Blue.
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 — EZH2

Entrez GeneID [2146](#)

GeneBank Accession# [BC010858](#)

Protein Accession# [AAH10858](#)

Gene Name EZH2

Gene Alias ENX-1, EZH1, KMT6, MGC9169

Gene Description enhancer of zeste homolog 2 (Drosophila)

Omim ID [601573](#)

Gene Ontology [Hyperlink](#)

Gene Summary 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. Two transcript variants encoding distinct isoforms have been identified for this gene. [provided by RefSeq]

Other Designations enhancer of zeste 2

Disease

- [Adenocarcinoma](#)
- [Carcinoma](#)
- [Genetic Predisposition to Disease](#)

- [Leukemia](#)
- [Lung Neoplasms](#)
- [Lymphoma](#)
- [Prostate cancer](#)
- [Prostatic Neoplasms](#)
- [Small Cell Lung Carcinoma](#)
- [Tobacco Use Disorder](#)