



# SZABO SCANDIC

Part of Europa Biosite

## Produktinformation



Forschungsprodukte & Biochemikalien



Zellkultur & Verbrauchsmaterial



Diagnostik & molekulare Diagnostik



Laborgeräte & Service

Weitere Information auf den folgenden Seiten!  
See the following pages for more information!



### Lieferung & Zahlungsart

siehe unsere [Liefer- und Versandbedingungen](#)

### Zuschläge

- Mindermengenzuschlag
- Trockeneiszuschlag
- Gefahrgutzuschlag
- Expressversand

### SZABO-SCANDIC HandelsgmbH

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## Datasheet

### EZH2 (Human) Recombinant Protein (P01)

**Catalog Number:** H00002146-P01

**Regulation Status:** For research use only (RUO)

**Product Description:** Human EZH2 full-length ORF ( NP\_004447.2, 1 a.a. - 751 a.a.) recombinant protein with GST-tag at N-terminal.

**Sequence:**

MGQTGKKSEKGPVCWRKRVKSEYMRLRQLKRFRRRA  
DEVKSMFSSNRQKILERTEILNQEWKQRRRIQPVHILTS  
VSSLRGTRECSVTSDDLDFPTQVIPLKTLNAVASVPIMY  
SWSPLQQNFMVEDETVLHNIPYMGDEVLDQDGTFFIEE  
LIKNYDGKVGHDRECGFINDEIFVELVNALGQYNDDDD  
DDDGDPEEREKQKDLERDDKESRPPRFPSDKI  
FEAISSMFPDKGTAEELKEKYKELTEQQLPGALPPECT  
PNIDGPNASVQREQLHSFHTLFCRRCFKYDCFLHR  
KCNYSFHATPNTYKRKNTETALDNKPCGPQCYQHLE  
GAKEFAAALTAERIKTPPKRPGRRRGRLPNNSSRPS  
TPTINVLESKDTSDREAGTETGGENNDKEEEEKDE  
TSSSEANSRCQTPIKMKPNIEPPENVEWVGAEASMF  
RVLIGTYDYNFCAIARLIGTKTCRQVYEFVKESSIIAPA  
PAEDVDTPPRKKRKHRLWAAHCRKIQLKKGSSNHV  
YNYQPCDHPQPCDSSPCVIAQNFCEKFCQCSSEC  
QNRFPGCRCKAQCNTKQPCYLAVRECDPDLCLTCG  
AADHWDSKNVSKNCISIRGSKKHLAPSDVAGWGI  
FIKDPVQKNEFISEYCGEISQDEADRRGKVVYDKYMCS  
FLFNLNDFVVDATRKGNKIRFANHSVNPNCYAKVMM  
VNGDHRIGIFAKRAIQTGEELFFDYRYSQADALKYVGIE  
REMEIP

**Host:** Wheat Germ (in vitro)

**Theoretical MW (kDa):** 112.4

**Applications:** AP, Array, ELISA, WB-Re  
(See our web site product page for detailed applications information)

**Protocols:** See our web site at  
<http://www.abnova.com/support/protocols.asp> or product page for detailed protocols

**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.

**Entrez GeneID:** 2146

**Gene Symbol:** EZH2

**Gene Alias:** ENX-1, EZH1, KMT6, MGC9169

**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]

**References:**

1. Intronic RNAs mediate EZH2 regulation of epigenetic targets. Guil S, Soler M, Portela A, Carrere J, Fonalleras E, Gomez A, Villanueva A, Esteller M. Nat Struct Mol Biol. 2012 Jun 3. doi: 10.1038/nsmb.2315.