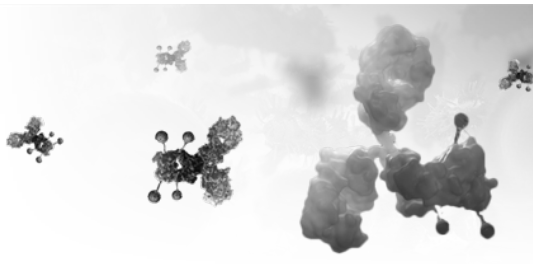

Human EZH1 peptide (DAG-P0427)

This product is for research use only and is not intended for diagnostic use.

PRODUCT INFORMATION

Antigen Description	EZH1 is a component of a noncanonical Polycomb repressive complex-2 (PRC2) that mediates methylation of histone H3 (see MIM 602812) lys27 (H3K27) and functions in the maintenance of embryonic stem cell pluripotency and plasticity (Shen et al., 2008 [PubMed 19026780]).[supplied by OMIM, Mar 2009]
Purity	70 - 90% by HPLC.
Conjugate	Unconjugated
Sequence Similarities	Belongs to the histone-lysine methyltransferase family. EZ subfamily.Contains 1 SET domain.
Format	Liquid
Preservative	None
Storage	Shipped at 4°C. Upon delivery aliquot and store at -20°C or -80°C. Avoid repeated freeze / thaw cycles. Information available upon request.

GENE INFORMATION

Gene Name	EZH1 enhancer of zeste homolog 1 (Drosophila) [Homo sapiens (human)]
Official Symbol	EZH1
Synonyms	EZH1; enhancer of zeste homolog 1 (Drosophila); KMT6B; histone-lysine N-methyltransferase EZH1; ENX-2;
Entrez Gene ID	2145
mRNA Refseq	NM_001991.3
Protein Refseq	NP_001982.2

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UniProt ID	Q92800
Chromosome Location	17q21.1-q21.3
Function	chromatin binding; histone methyltransferase activity (H3-K27 specific);

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