

Product datasheet for **SC331479**

EZH2 (NM_001203249) Human Untagged Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	EZH2 (NM_001203249) Human Untagged Clone
Tag:	Tag Free
Symbol:	EZH2
Synonyms:	ENX-1; ENX1; EZH2b; KMT6; KMT6A; WVS; WVS2
Vector:	pCMV6-Entry (PS100001)



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Fully Sequenced ORF: >SC331479 representing NM_001203249.
 Blue=Insert sequence Red=Cloning site Green=Tag(s)

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ATGGGCCAGACTGGGAAGAAATCTGAGAAGGGACCAGTTTGTGGCGGAAGCGTGTAAAATCAGAGTAC
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GAAATGGAATCCCTGA
  
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Restriction Sites: Sgfl-MluI

ACCN: NM_001203249

Insert Size: 2088 bp

OTI Disclaimer: Our molecular clone sequence data has been matched to the reference identifier above as a point of reference. Note that the complete sequence of our molecular clones may differ from the sequence published for this corresponding reference, e.g., by representing an alternative RNA splicing form or single nucleotide polymorphism (SNP).

Components: The ORF clone is ion-exchange column purified and shipped in a 2D barcoded Matrix tube containing 10ug of transfection-ready, dried plasmid DNA (reconstitute with 100 ul of water).

Reconstitution Method:	<ol style="list-style-type: none">1. Centrifuge at 5,000xg for 5min.2. Carefully open the tube and add 100ul of sterile water to dissolve the DNA.3. Close the tube and incubate for 10 minutes at room temperature.4. Briefly vortex the tube and then do a quick spin (less than 5000xg) to concentrate the liquid at the bottom.5. Store the suspended plasmid at -20°C. The DNA is stable for at least one year from date of shipping when stored at -20°C.
RefSeq:	<u>NM_001203249.1</u>
RefSeq Size:	2682 bp
RefSeq ORF:	2088 bp
Locus ID:	2146
UniProt ID:	<u>Q15910</u>
Cytogenetics:	7q36.1
Protein Families:	Druggable Genome, Transcription Factors
MW:	79.6 kDa
Gene Summary:	<p>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. [provided by RefSeq, Feb 2011]</p> <p>Transcript Variant: This variant (5) has an alternate 5' UTR exon and lacks an in-frame exon and two in-frame segments in the coding region, as compared to variant 1. The resulting isoform (e) lacks three internal segments, as compared to isoform a.</p>