

## Recombinant Human SUZ12

Cat. No. SUZ12-31487TH Lot. No. (See product label)

### SPECIFICATION

<b>Product Overview</b>	Recombinant fragment corresponding to amino acids 640-739 of Human SUZ12 with a propeitary tag at N-terminal; predicted mwt: 36.63 kDa.
<b>Species</b>	Human
<b>Source</b>	Wheat Germ
<b>ProteinLength</b>	100 amino acids
<b>Description</b>	This zinc finger gene has been identified at the breakpoints of a recurrent chromosomal translocation reported in endometrial stromal sarcoma. Recombination of these breakpoints results in the fusion of this gene and JAZF1. The protein encoded by this gene contains a zinc finger domain in the C terminus of the coding region.
<b>Molecular Weight</b>	36.630kDa inclusive of tags
<b>Tissue specificity</b>	Overexpressed in breast and colon cancer.
<b>Form</b>	Liquid
<b>Purity</b>	Proprietary Purification
<b>Storage buffer</b>	pH: 8.00 Constituents: 0.79% Tris HCl, 0.31% Glutathione

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<b>Storage</b>	Shipped on dry ice. Upon delivery aliquot and store at -80oC. Avoid freeze / thaw cycles.
<b>Sequences of amino acids</b>	VENYGQKIIKKNLCRNFMHLVSMHDFNLISIMSIDKAVTKLREMQQKLEKGESASPA NEEITEEQNGTANGFSEINSKEKALETDSVSGVSKQSKKQKL
<b>Sequence Similarities</b>	Belongs to the VEFS (VRN2-EMF2-FIS2-SU(Z)12) family.Contains 1 C2H2-type zinc finger.

## GENE INFORMATION

<b>Gene Name</b>	SUZ12 suppressor of zeste 12 homolog (Drosophila) [ Homo sapiens ]
<b>Official Symbol</b>	SUZ12
<b>Synonyms</b>	SUZ12; suppressor of zeste 12 homolog (Drosophila); polycomb protein SUZ12; CHET9; JJAZ1; KIAA0160;
<b>Gene ID</b>	23512
<b>mRNA Refseq</b>	NM_015355
<b>Protein Refseq</b>	NP_056170
<b>MIM</b>	606245
<b>Uniprot ID</b>	Q15022
<b>Chromosome Location</b>	17q21
<b>Function</b>	chromatin binding; histone methyltransferase activity; metal ion binding; methylated

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histone residue binding; protein binding;

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