

Recombinant Human SUZ12

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

SPECIFICATION

Product Overview	Recombinant fragment corresponding to amino acids 640-739 of Human SUZ12 with a propeitary tag at N-terminal; predicted mwt: 36.63 kDa.
Species	Human
Source	Wheat Germ
ProteinLength	100 amino acids
Description	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.
Molecular Weight	36.630kDa inclusive of tags
Tissue specificity	Overexpressed in breast and colon cancer.
Form	Liquid
Purity	Proprietary Purification
Storage buffer	pH: 8.00Constituents:0.79% Tris HCl, 0.31% Glutathione

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

GENE INFORMATION

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

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histone residue binding; protein binding;

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