Recombinant Human SUV420H1

Cat. No. SUV420H1-31486TH **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Recombinant fragment, corresponding to amino acids 2-387 of Human SUV420h1 with N-terminal proprietary tag, 70 kDa.
Species	Human
Source	E.coli
ProteinLength	2-387 a.a.
Description	This gene encodes a protein that contains a SET domain. SET domains appear to be protein-protein interaction domains that mediate interactions with a family of proteins that display similarity with dual-specificity phosphatases (dsPTPases). The function of this gene has not been determined. Two alternatively spliced transcript variants have been found for this gene.
Form	Liquid
Storage buffer	Preservative: NoneConstituents: 30% Glycerol, 0.05% Tween 20, 3mM DTT, 25mM Tris HCl, 100mM Sodium chloride, pH 8.0
Storage	Aliquot and store at -80°C. Avoid repeated freeze / thaw cycles.
Sequence Similarities	Belongs to the histone-lysine methyltransferase family. Suvar4-20 subfamily.Contains 1 SET domain.

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GENE INFORMATION

Gene Name	SUV420H1 suppressor of variegation 4-20 homolog 1 (Drosophila) [Homo sapiens]
Official Symbol	SUV420H1
Synonyms	SUV420H1; suppressor of variegation 4-20 homolog 1 (Drosophila); histone-lysine N-methyltransferase SUV420H1; CGI 85; KMT5B;
Gene ID	51111
mRNA Refseq	NM_017635
Protein Refseq	NP_060105
MIM	610881
Uniprot ID	Q4FZB7
Chromosome Location	11q13.2
Pathway	Glucocorticoid receptor regulatory network, organism-specific biosystem; Lysine degradation, organism-specific biosystem; Lysine degradation, conserved biosystem;
Function	histone methyltransferase activity (H4-K20 specific); histone-lysine N-methyltransferase activity; methyltransferase activity; transferase activity;

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