

Recombinant Human SUV39H1 Protein, His-tagged

Cat. No. SUV39H1-208H **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Recombinant Human SUV39H1 protein, fused with C-terminal His-tag, was expressed in E. coli.
Species	Human
Source	E.coli
ProteinLength	44-412
Form	50 mM Tris/HCl, pH 8.0, 137 mM NaCl, 5 mM MgCl ₂ , 4 mM DTT, 20% (v/v) glycerol
Molecular Mass	99.5 kDa
Storage	Store at -80centigrade. Thaw quickly and store on ice before use. Avoid repeated freezing and thawing cycles.

GENE INFORMATION

Gene Name	SUV39H1 suppressor of variegation 3-9 homolog 1 (Drosophila) [Homo sapiens]
Official Symbol	SUV39H1
Synonyms	SUV39H1; suppressor of variegation 3-9 homolog 1 (Drosophila); suppressor of variegation 3 9 (Drosophila) homolog 1 , SUV39H; histone-lysine N-methyltransferase SUV39H1; KMT1A; H3-K9-HMTase 1; Su(var)3-9 homolog 1; lysine N-

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	methyltransferase 1A; histone H
Gene ID	6839
mRNA Refseq	NM_003173
Protein Refseq	NP_003164
MIM	300254
UniProt ID	O43463
Chromosome Location	Xp11.23
Pathway	Lysine degradation, organism-specific biosystem; Lysine degradation, conserved biosystem; Regulation of retinoblastoma protein, organism-specific biosystem;
Function	S-adenosylmethionine-dependent methyltransferase activity; chromatin binding; histone methyltransferase activity; histone methyltransferase activity (H3-K9 specific); histone-lysine N-methyltransferase activity; protein N-terminus binding; protein binding