

# Recombinant Human SUV39H1 Protein, His-tagged

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

## SPECIFICATION

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

## GENE INFORMATION

<b>Gene Name</b>	SUV39H1 suppressor of variegation 3-9 homolog 1 (Drosophila) [ Homo sapiens ]
<b>Official Symbol</b>	SUV39H1
<b>Synonyms</b>	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
<b>Gene ID</b>	<a href="#">6839</a>
<b>mRNA Refseq</b>	<a href="#">NM_003173</a>
<b>Protein Refseq</b>	<a href="#">NP_003164</a>
<b>MIM</b>	<a href="#">300254</a>
<b>UniProt ID</b>	<a href="#">O43463</a>
<b>Chromosome Location</b>	Xp11.23
<b>Pathway</b>	Lysine degradation, organism-specific biosystem; Lysine degradation, conserved biosystem; Regulation of retinoblastoma protein, organism-specific biosystem;
<b>Function</b>	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

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