

## Recombinant Human SUV39H2, GST-tagged

**Cat. No.** SUV39H2-472H    **Lot. No.** (See product label)

### SPECIFICATION

<b>Product Overview</b>	Recombinant Human SUV39H2, amino acids 26-350 with N-terminal GST tag expressed in <i>E.Coli</i> expression system. MW = 63kDa.
<b>Species</b>	Human
<b>Source</b>	E.coli
<b>ProteinLength</b>	26-350 a.a.
<b>Description</b>	Histone-lysine N-methyltransferase SUV39H2 is an enzyme that in humans is encoded by the SUV39H2 gene.
<b>Purity</b>	>70%.
<b>Application</b>	Useful for the study of enzyme kinetics, screening inhibitors, and selectivity profiling.
<b>Formulated In</b>	25 mM Tris-HCl, pH 8.0, 100 mM NaCl, 0.05% Tween-20, 30% glycerol, and 3 mM DTT.
<b>Stability</b>	>6 months at -80°C.

### GENE INFORMATION

<b>Gene Name</b>	SUV39H2 suppressor of variegation 3-9 homolog 2 ( <i>Drosophila</i> ) [ <i>Homo sapiens</i> ]
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 Tel: 1-631-559-9269    1-516-512-3133

 Email: [info@creative-biomart.com](mailto:info@creative-biomart.com)     Fax: 1-631-938-8127

 45-1 Ramsey Road, Shirley, NY 11967, USA

<b>Synonyms</b>	SUV39H2; suppressor of variegation 3-9 homolog 2 (Drosophila); KMT1B; FLJ23414; suppressor of variegation 3-9 homolog 2; 1.NM_024670
<b>Gene ID</b>	<a href="#">79723</a>
<b>mRNA Refseq</b>	<a href="#">NM_024670</a>
<b>Protein Refseq</b>	<a href="#">NP_078946</a>
<b>MIM</b>	<a href="#">606503</a>
<b>UniProt ID</b>	<a href="#">Q9H511</a>
<b>Chromosome Location</b>	10p13
<b>Pathway</b>	Lysine degradation
<b>Function</b>	chromatin binding; histone methyltransferase activity (H3-K9 specific); protein binding; protein methyltransferase activity; transferase activity; zinc ion binding

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