

## Recombinant Human SUV420H1, GST-tagged

**Cat. No.** SUV420H1-473H    **Lot. No.** (See product label)

### SPECIFICATION

<b>Product Overview</b>	Recombinant Human SUV420H1, amino acids 2-387 with N-terminal GST tag expressed in <i>E.Coli</i> expression system. MW = 70kDa.
<b>Species</b>	Human
<b>Source</b>	E.coli
<b>ProteinLength</b>	2-387 a.a.
<b>Description</b>	Histone-lysine N-methyltransferase SUV420H1 is an enzyme that in humans is encoded by the SUV420H1 gene. 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.
<b>Purity</b>	>20%.
<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.

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## GENE INFORMATION

<b>Gene Name</b>	SUV420H1 suppressor of variegation 4-20 homolog 1 (Drosophila) [ Homo sapiens ]
<b>Synonyms</b>	SUV420H1; suppressor of variegation 4-20 homolog 1 (Drosophila); CGI85; KMT5B; CGI-85; MGC703; MGC21161; MGC118906; MGC118909; OTTHUMP00000197482; OTTHUMP00000197488; C630029K18Rik; EC 2.1.1.43
<b>Gene ID</b>	51111
<b>mRNA Refseq</b>	NM_016028
<b>Protein Refseq</b>	NP_057112
<b>MIM</b>	610881
<b>UniProt ID</b>	Q4FZB7
<b>Chromosome Location</b>	11q13.2
<b>Pathway</b>	Lysine degradation
<b>Function</b>	histone methyltransferase activity (H4-K20 specific); protein binding; transferase activity

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