

Recombinant Human SUV39H2, GST-tagged

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

SPECIFICATION

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

GENE INFORMATION

Gene Name	SUV39H2 suppressor of variegation 3-9 homolog 2 (Drosophila) [Homo sapiens]
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Synonyms	SUV39H2; suppressor of variegation 3-9 homolog 2 (Drosophila); KMT1B; FLJ23414; suppressor of variegation 3-9 homolog 2; 1.NM_024670
Gene ID	79723
mRNA Refseq	NM_024670
Protein Refseq	NP_078946
MIM	606503
UniProt ID	Q9H5I1
Chromosome Location	10p13
Pathway	Lysine degradation
Function	chromatin binding; histone methyltransferase activity (H3-K9 specific); protein binding; protein methyltransferase activity; transferase activity; zinc ion binding