

本公司提供的电子版本说明书仅供参考，实验请以收到的纸质手册为准。

Recombinant Human SUV420H2 Protein (His & GST tag)

产品货号: TP06911

第三版

别名:KMT5C

描述: Histone-lysine N-methyltransferase SUV420H2, also known as Suppressor of variegation 4-20 homolog 2, Su(var)4-20 homolog 2, Lysine N-methyltransferase 5C, SUV420H2 and KMT5C, is nucleus protein which belongs to the histone-lysine methyltransferase family and Suvar4-20 subfamily. SUV420H2 is a histone methyltransferase that specifically trimethylates 'Lys-20' of histone H4. H4 'Lys-20' trimethylation represents a specific tag for epigenetic transcriptional repression. SUV420H2 mainly functions in pericentric heterochromatin regions, thereby playing a central role in the establishment of constitutive heterochromatin in these regions. SUV420H1 is targeted to histone H3 via its interaction with RB1 family proteins (RB1, RBL1 and RBL2). FRAP experiments reveal that SUV420H2 is strongly associated to pericentric heterochromatin. The fraction of SUV420H2 captured and characterized by TAP/MS is a soluble fraction which may be in a stable association with HP1. SUV420H2 may be recruited to heterochromatin in association with HP1, and stably maintained at its heterochromatin sites in an HP1-independent fashion.

配方: PBS

分子量: 60 kDa

序列: Gly 2-Leu 280

纯度: > 95% by HPLC

浓度:

内毒素: <1.0 EU per 1 ug of protein (determined by LAL method)

存储: +4 ° C 保存 (1-2 周). 长期保存在 -20 ° C 或者 -70 ° C. 避免反复冻融.