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DPY30, 1-99aa, Human, His tag, E.coli

产品货号: TP01920

第三版

别名:protein dpy-30 homolog, HDPY-30, Saf19

描述:As part of the MLL1/MLL complex, DPY30 is involved in the methylation of histone H3 at 'Lys-4', particularly trimethylation. Histone H3 'Lys-4' methylation represents a specific tag for epigenetic transcriptional activation. This protein may play some role in histone H3 acetylation. In a teratocarcinoma cell, it plays a crucial role in retinoic acid-induced differentiation along the neural lineage, regulating gene induction and H3 'Lys-4' methylation at key developmental loci. DPY30 may also play an indirect or direct role in endosomal transport. Recombinant human DPY30 protein, fused to His-tag at N-terminus, was expressed in E.coli and purified by using conventional chromatography techniques.

配方:Liquid. In 20mM Tris-HCl buffer (pH 8.0) containing 0.2M NaCl, 30% glycerol, 2mM DTT

分子量:13.6 kDa (122aa) confirmed by MALDI-TOF

序列:

MGSSHHHHHSSGLVPRGSHMGSMEPEQMLEGQTQVAENPHSEYGLTDNVERIVENEKINAEKSSKQKVDLQSLPTRA
YLDQTVVPILLQGLAVLAKERPPNPIEFLASYLLKNKAQFEDRN

纯度:> 95% by HPLC

浓度:1 mg/ml (determined by Bradford assay)

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.