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Recombinant Mouse HDAC8 / HDACL1 Protein (His tag)

产品货号: TP06759

第三版

别名:2610007D20Rik

描述: Histone deacetylase 8, also known as HDAC8 and HDACL1, is a nucleus and cytoplasm protein which belongs to the histone deacetylase family and HD type 1 subfamily. Histone deacetylases (HDACs) are a growing family of enzymes implicated in transcriptional regulation by affecting the acetylation state of core histones in the nucleus of cells. HDAC8 / HDACL1 is weakly expressed in most tissues. It expressed at higher level in heart, brain, kidney and pancreas and also in liver, lung, placenta, prostate and kidney. HDAC8 / HDACL1 is responsible for the deacetylation of lysine residues on the N-terminal part of the core histones (H2A, H2B, H3 and H4). Histone deacetylation gives a tag for epigenetic repression and plays an important role in transcriptional regulation, cell cycle progression and developmental events. Histone deacetylases act via the formation of large multiprotein complexes. HDAC8 / HDACL1 may play a role in smooth muscle cell contractility. HDAC8 / HDACL1 may be a potential drug target for neuroblastoma differentiation therapy using selective inhibitors, avoiding unspecific side effects.

配方: PBS

分子量: 43.1 kDa

序列: Met 1-Val 377

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.