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Recombinant Human SETD7 / SET7/9 Protein (His tag)

产品货号: TP06691

第三版

别名:KMT7;SET7;SET7/9;SET9

描述: Histone-lysine N-methyltransferase SETD7, also known as SET domain containing (lysine methyltransferase) 7, SET7/9, Histone H3-K4 methyltransferase SETD7, H3-K4-HMTase SETD7, and SETD7, is a member of the histone-lysine methyltransferase family and SET7 subfamily. SETD7 is widely expressed and expressed in pancreatic islets. SETD7 contains three MORN repeats and one SET domain. SETD7 plays a central role in the transcriptional activation of genes such as collagenase or insulin. As a protein lysine methyltransferase (PKMT), SETD7 also has methyltransferase activity toward non-histone proteins such as p53/TP53, TAF10, and possibly TAF7 by recognizing and binding in substrate proteins. The mono-methyltransferase activity of SETD7 is achieved by disrupting the formation at near-attack conformations for the dimethylation reaction. SETD7 is also a novel coactivator of NF-kappaB and plays a role in inflammation and diabetes.

配方: PBS

分子量: 41.5 kDa

序列: Asp 2-Lys 366

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.