

Recombinant Human Diamine N-acetyltransferase 1 Protein

Cat No. :KF-P1878

表达系统: E. coli

蛋白结构序列: 1-171aa

蛋白编号: P21673

产品别称: spermidine/spermine N1-acetyltransferase 1, SSAT1, DC21, KFSD, KFSDX, SAT

分子量: 22.1 kDa (191aa)

纯度: >95% as determined by SDS-PAGE.

内毒素: ≤10EU/mg as determined by LAL test.

标签:

冻干Buffer: Phosphate buffered saline (pH7.4) containing 0.01% sarcosyl, 5%Trehalose

复溶方式: Liquid. In 20 mM Tris-HCl buffer (pH8.0) containing, 10% glycerol

运输条件: 2-8℃

保存条件: Aliquot and store at -20℃ to -80℃ for up to 6 months, buffer containing 50% glycerol is recommen

生物活性: 待查。

功能: 催化多胺乙酰化的酶 (PubMed:15283699, PubMed:1645579, PubMed:17516632)。

底物特异性: 亚精胺 = 精胺 >> 精胺 > N1-乙精胺 (PubMed:17516632)。这种高度调控的酶能够精细地调节细胞内多胺的浓度 (PubMed:16455797)。还参与调节多胺从细胞外运输 (PubMed:16455797)。也于 1,3-二氨基丙烷和 1,5-二氨基戊烷 (PubMed:16455797, PubMed:7516632)。

仅供科研或生产使用, 不可直接应用于人体。