

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。

NAT1, 1-290aa, Human, His tag, E.coli

产品货号: TP03099

第三版

别名:Arylamine N-acetyltransferase 1, AAC1, MNAT, NAT-1, NATI

描述:NAT1 belongs to the arylamine N-acetyltransferase family. It catalyzes N- or O-acetylation of heterocyclic and arylamine substrates in the detoxification of a wide array of drugs. Certain alleles causing high levels of N-acetyltransferase activity have been associated with colon and urinary bladder cancers, as NAT1 also bioactivate several known carcinogens.

配方:Liquid. In 20mM Tris-HCl buffer(pH 8.0) containing 10% glycerol, 2mM DTT, 0.1M NaCl.

分子量:36.1 kDa (310aa), confirmed by MALDI-TOF

序列:

MGSSHHHHHHSSGLVPRGSHMDIEAYLERIGYKKS RNKLDLETLDILQHQIRAVPFENLNIHCGDAMD LGLEAIFDQVV
RRNRGGWCLQVNHLLYWALTTIGFETTMLGGYVYSTPAKKYSTGMIHLLLQVTIDGRNYIVDAGFGRSYQMWQPLELIS
GKDQPQVPCIFRLTEENGFWYLDQIRREQYIPNEEFLHSDLLEDSKYRKIYSFTLKPRTIEDFESMNTYLQTSPASVFTSKSFC
LQTPDGVHCLVGFTLTHRRFNYKDNTDLIEFKLSEEEIEKVLKNIFNISLQRKLVPKHGDRFFTI

纯度:> 95% by HPLC

浓度:0.5 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.