

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。

CANT1, 63-401aa, Human, His tag, E.coli

产品货号: TP01417

第三版

别名: Soluble calcium-activated nucleotidase 1, DBQD, SCAN-1, SCAN1, SHAPY.

描述: CANT1 (calcium-activated nucleotidase 1) belongs to the apyrase family. This protein is calcium dependent nucleotidase with a preference for UDP. The order of activity with different substrates is UDP > GDP > UTP > GTP. Also, it has very low activity towards ADP and even lower activity towards ATP.

配方: Liquid. In 20mM Tris-HCl buffer (pH 8.0) containing 1mM DTT, 10% glycerol, 50mM NaCl

分子量: 40.5kDa (364aa), confirmed by MALDI-TOF

序列:

MGSSHHHHHHSSGLVPRGSHMGSHMRPAPGRPPTHNAHNWRLGQAPANWYNDTYPLSPQRTYPAGIRYRIAVIADLD
TESRAQEENTWFSYLKKGYLTLSDSGDKVAVEWDKDHGVLESHLAEKGRGMELSDLIVFNGKLYSVDVRTGVVYQIEGS
KAVPWVILSDGDGTVEKGFKAEWLAVKDERLYVGGGKEWTTTTGDVVNENPEWVKVVGKGSVDHENWVSNYNA
LRAAAGIQPPGYLIHESACWSDTLQRWFFLPRRASQERYSEKDDERKGANLLLSASPDFGDI AVSHVGAVVPTHGFSFKFI
PNTDDQIIVALKSEEDSGRVASYIMAFTLDGRFLLPETKIGSVKYEIEFI

纯度: > 95% by HPLC

浓度: 1mg/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.