

本公司提供的电子版说明书仅供参考，实验请以收到的纸质手册为准。

NUDT5, 1-219aa, Human, His tag, E.coli

产品货号: TP03231

第三版

别名:ADP-sugar pyrophosphatase, hYSAH1, YSA1, YSA1H.

描述:NUDT5 is a member of the nudix hydrolase family which eliminate toxic nucleotide derivatives from the cell. NUDT5 hydrolyzes ADP-ribose and ADP-mannose in the presence of magnesium, and also hydrolyzes other nucleotide sugars with low activity such as ADP-glucose and diadenosine diphosphate. As a nudix hydrolase, NUDT5 contains a central nudix motif and functions to eliminate toxic nucleotide metabolites from the cell while maintaining the levels of signaling nucleotides.

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

分子量:26.5 kDa (239aa), confirmed by MALDI-TOF, (Real molecular weight on SDS-PAGE will be shift up)

序列:

MGSSHHHHHSSGLVPRGSHMESQEPTESSQNGKQYIISEELISEGKWKLEKTTYMDPTGKTRTWESVKRTRRKEQTAD  
GVAVIPVLQRTLHYECIVLVKQFRPPMGGYICIEFPAGLIDDGETPEAAALRELEEETGYKGDIAECSPAVCMDPGLSNCTIH  
IVTVTINGDDAENARPKPKPGDGEFVEVISLPKNDLLQRLDALVAEEHLTVDARVYSYALALKHANAKPFEVFPFLKF

纯度:> 95% by HPLC

浓度:1 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.