

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。

UGT1A1, 26-490aa, Human, His tag, E.coli

产品货号: TP04422

第三版

别名: uDP-glucuronosyltransferase 1-1, BILIQTL1, GNT1, HuG-BR1, uDPGT, uDPGT 1-1, uGT1, uGT1A

描述: uGT1A1 also known as uDP-glucuronosyltransferase 1-1. uGT1A1 is of major importance in the conjugation and subsequent elimination of potentially toxic xenobiotics and endogenous compounds. It is also able to catalyze glucuronidation of 17beta-estradiol, 17alpha-ethinylestradiol, 1-hydroxypyrene, 4-methylumbelliferone, 1-naphthol, paranitrophenol, scopoletin, and umbelliferone. Recombinant human uGT1A1, fused to His-tag at N-terminus, was expressed in E.coli.

配方: Liquid, In 20mM Tris-HCl (pH8.0) containing 10% glycerol

分子量: 54.7kDa (488aa)

序列:

```
MGSSHHHHHHSSGLVPRGSHMGSHAGKILLIPVDGSHWLSMLGAIQQLQQRGHEIVVLAPDASLYIRDGAFYTLKTYPV  
PFQREDVKESFVSLGHNVFENDSFLQRVIKTYKKIKKDSAMLLSGCSHLLHNKELMASLAESSFDVMLTDPFLPCSPIVAQYL  
SLPTVFFLHALPCSLEFEATQCPNPFYVPRPLSSHSDHMTFLQRVKNMLIAFSQNFLCDVVYSPYATLASEFLQRETVQDL  
LSSASVWLFERSDFVKDYPRPIMPNMVFVGGINCLHQNPLSQEFEAYINASGEHGIVVFSLSGMVSEIPEKKAMAIA DALGKI  
PQTVLWRYTGTRPSNLANNLILVKWLPQNDLLGHPMTRAFITHAGSHGVYESICNGVPMVMMPLFGDQMDNAKRMET  
KGAGVTLNVLEMTSEDLNALKAVINDKSYKENIMRSLSHKDRPVEPLDLAVFWVEFVMRHKGAPHLRPAAHDLTWY  
QYHSLD
```

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.