

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。

AKR1C1, 1-323aa, Human, His tag, E.coli

产品货号: TP01107

第三版

别名:Aldo-keto reductase family 1, member C1; 20-alpha-HSD; DD1/DD2; HBAB; DDH; DDH1.

描述:AKR1C1 is a member of the aldo/keto reductase superfamily, which consists of more than 40 known enzymes and proteins. These enzymes catalyze the conversion of aldehydes and ketones to their corresponding alcohols by utilizing NADH and/or NADPH as cofactors. The enzymes display overlapping but distinct substrate specificity.

配方:Liquid. In 20mM Tris-HCl buffer (pH8.0) containing 1mM DTT, 20% glycerol

分子量:38.9 kDa (343aa), confirmed by MALDI-TOF

序列:

MGSSHHHHHHSSGLVPRGSHMDSKYQCVKLNDGHFMPVLGFGTYAPAEVPSKSKALEATKLAIEAGFRHIDSAHLYNNEE
QVGLAIRSKIADGSVKREDIFYTSKLWCNSHRPELVRPALERSLKNLQLDYVDLYLIHFPVSVKPGEEVIPKDENGKILFDTV
DLCATWEAVEKCKDAGLAKSIGVSNFNRRQLEMILNKPGLKYKPCNQVECHPYFNQRKLLDFCKSKDIVLVAYSALGS
HREEPWVDPNSPVLLEDVLCALAKKHKRTPALIALRYQLQRGVVVLAKSYNEQRIRQNVQVFEFQLTSEEMKAIDGLNR
NVRYLTLDFAGPPNYPFSDEY

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.