

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。

AKR1C4, 1-323aa, Human, His tag, E.coli

产品货号: TP01109

第三版

别名:Aldo-keto reductase family 1 member C4, DHEA-ST, DHEAS, HST, hSTa, ST2, ST2A1, ST2A3

描述:AKR1C4 belongs to aldo/keto reductase superfamily, which consists of more than 40 known enzymes and proteins. It catalyzes the conversion of aldehydes and ketones to their corresponding alcohols by utilizing NADH and/or NADPH as cofactors. This enzyme catalyzes the bioreduction of chlordecone, a toxic organochlorine pesticide, to chlordecone alcohol in liver.

配方:Liquid. 20mM Tris-HCl buffer (pH8.0) containing 20% glycerol 0.1M NaCl,1mM DTT

分子量:39.2 kDa(343aa), confirmed by MALDI-TOF

序列:

MGSSHHHHHHSSGLVPRGSHMDPKYQRVELNDGHFMPVLGFGTYAPPEVPRNRAVEVTKLAIEAGFRHIDSAYLYNNE
EQVGLAIRSKIADGSVKREDIFYTSKLWCTFFQPQMVQPALESSLKKLQLDYVDLYLLHFPALKPGETPLPKDENGKVIFD
TVDLSATWEVMEKCKDAGLAKSIGVSNFNCRQLEMILNKPGLKYKPCVNQVECHPYLNQSKLLDFCKSKDIVLVAHSAL
GTQRHKLWVDPNSPVLLEDPVLCALAKKHKRTPALIALRYQLQRGVVVLAKSYNEQRIRENIQVFEFQLTSEDMKVL DGL
NRNYRYVVMDFLMDHPDYPFSDEY

纯度:> 95% by HPLC

浓度:1.0 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.