

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。

Aldo-keto reductase family 1 member C4, 1-323aa, Human, E.coli (Bioactivity Validated)

产品货号: TP01130

第三版

别名:3-alpha-HSD, C11, CDR, CHDR, DD-4, DD4, HAKRA

描述:AKR1C1 also known as Aldo-keto reductase family 1 member C4, 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. Recombinant human AKR1C4 protein was expressed in E.coli and purified by using conventional chromatography.

配方:Liquid. In 20mM Tris-HCl buffer(pH 8.5) containing 0.1M NaCl, 10% glycerol, 1mM DTT

分子量:37kDa (323aa)

序列:

MDPKYQRVELNDGHFMPVLGFGTYAPPEVPRNRAVEVTKLAIEAGFRHIDSAYLYNNEEQVGLAIRSKIADGSVKREDIFY
TSKLTWCTFFQPQMVPALLESSLKKLQLDYVDLYLLHFPMALKPGETPLPKDENGKVIKFDTVDLSATWEVMEKCKDAGLA
KSIGVSNFNCRQLEMILNKPGLKYKPVNQVECHPYLNQSKLLDFCKSKDIVLVAHSALGTQRHKLWVDPNSPVLLEDPV
LCALAKKHKRTPALIALRYQLQRGVVVLAKSYNEQRIRENIQVFEFQLTSEDMKVLVDGLNRNYRYVVMDFLMDHPDYPFS
DEY

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.