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DCXR, 1-244aa, Human, His-tag, E.coli

产品货号: TP01849

第三版

别名: Dicarbonyl/L-xylulose reductase, DCR, HCR2, HCR11, KIDCR, P34H

描述: Dicarbonyl/L-xylulose reductase, also known as DCXR, is an enzyme responsible for the metabolism of xylulose, converting it into xylitol. DCXR was expressed at low levels and was localized predominantly in the cytoplasmic membrane. In contrast, in virtually all grades of early-stage prostate cancer and in all chemohormonally treated cases, DCXR was strikingly overexpressed and was localized predominantly in the cytoplasm and nucleus. Recombinant human DCXR, fused to His-tag at N-terminus, was expressed in E.coli and purified by using conventional chromatography techniques.

配方: Liquid. In 20mM Tris-HCl buffer (pH 8.0) containing 1mM DTT, 20% glycerol, 50mM NaCl

分子量: 28 kDa (264aa), confirmed by MALDI-TOF

序列:

MGSSHHHHHSSGLVPRGSHMELFLAGRRVLVTGAGKGI GRGT VQALHATGARVVA VSR TQADLDSL VRECPGIEPVC
VDLGDWEATERALGSVGPVDLLVNNAAVALLQPFLEVTKEAFDRSFEVNLRAVIQVSQIVARGLIARGVPGAIVNVSSQCS
QRAVTNHSVYCSTKGALDMLTKVMALELGPHKIRVNAVNP TVVMTSMGQATWSDPHKAKTMLNRIPLGKFAEVEHV
NAILFLLSDRSGMTTGSTLPVEGGFWAC

纯度: > 95% by HPLC

浓度: 0.5mg/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.