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Recombinant Human L-Xylulose Reductase/DCXR Protein(N-6His)

产品货号: TP06082

第三版

别名:L-Xylulose Reductase; XR; Carbonyl Reductase II; Dicarboxyl/L-Xylulose Reductase; Kidney Dicarboxyl Reductase; kiDCR; Sperm Surface Protein P34H; DCXR

描述:L-Xylulose Reductase is an enzyme that belongs to the Short-Chain Dehydrogenases/Reductases (SDR) family. L-Xylulose Reductase is responsible for the metabolism of Xylulose, converting it into Xylitol. L-Xylulose Reductase catalyzes the NADPH-dependent reduction of several Pentoses, Tetroses, Trioses, α -Dicarbonyl compounds and L-Xylulose. L-Xylulose Reductase participates in the Uronate Cycle of Glucose metabolism. It may play a role in the water absorption and cellular osmoregulation in the proximal renal tubules by producing Xylitol, an osmolyte, thereby preventing osmolytic stress from occurring in the renal tubules.

配方:PBS

分子量:28.1 kDa

序列:Met 1-Cys244

纯度:> 95% by HPLC

浓度:

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.