

DCXR 抗原（重组蛋白）

中文名称： DCXR 抗原（重组蛋白）

英文名称： DCXR Antigen (Recombinant Protein)

别名： XR; DCR; HCR2; P34H; HCRII; KIDCR; PNTSU; SDR20C1

储存： 冷冻（-20℃）

相关类别： 抗原

概述

Full length fusion protein

技术规格

Full name:	dicarbonyl/L-xylulose reductase
Synonyms:	XR; DCR; HCR2; P34H; HCRII; KIDCR; PNTSU; SDR20C1
Swissprot:	Q7Z4W1
Gene Accession:	BC001470
Purity:	>85%, as determined by Coomassie blue stained SDS-PAGE
Expression system:	Escherichia coli
Tags:	His tag C-Terminus, GST tag N-Terminus
Background:	The protein encoded by this gene acts as a homotetramer to catalyze diacetyl reductase and L-xylulose reductase reactions. The encoded protein may play a role in the uronate cycle of glucose metabolism and in the cellular osmoregulation in the proximal renal tubules. Defects in this gene are a cause of pentosuria. Two transcript variants encoding different isoforms have been found for this gene.