

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

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|---------------------------|--|
| 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. |