

Human DCXR Recombinant Protein



RPPB1560

Product Information Protein Information

Product SKU:

RPPB1560

Accession:

Q7Z4W1

Host:

Escherichia Coli.

Protein description:

DCXR Recombinant Human produced in E.Coli is a single, non-glycosylated polypeptide chain containing 264 amino acids (1-244 a.a.) and having a molecular mass of 28 kDa. The DCXR is fused to a 20 amino acids His-Tag at N-terminus and purified by proprietary chromatographic techniques.

Appearance:

Sterile filtered colorless solution.

Synonyms:

DCR, HCR2, HCRII, KIDCR, P34H, SDR20C1, Dicarbonyl/L-Xylulose Reductase, EC=1.1.1.10, Carbonyl reductase II, Kidney dicarbonyl reductase, Sperm surface protein P34H.

Formulation:

DCXR Human solution containing 20mM Tris-HCl pH-8, 1mM DTT, 50mM NaCl & 20% glycerol.

Purity:

Greater than 95.0% as determined by SDS-PAGE.

Stability:

Store at 4°C if entire vial will be used within 2-4 weeks. Store, frozen at -20°C for longer periods of time. For long term storage it is recommended to add a carrier protein (0.1% HSA or BSA). Avoid multiple freeze-thaw cycles.

Amino Acid Sequence:

MGSSHHHHHH SGLVPRGSH MELFLAGRRV LVTGAGKGIG RGTVQALHAT GARVAVSRT QADLDSLVRE
CPGIEPVCVD LGDWEATERA LGSVGPVDLL VNNAAVALLQ PFLEVTKAEF DRSFEVNLRA VIQVSQIVAR
GLIARGVPGA IVNVSSQCSQ RAVTNHSVYC STKGALDMLT KVMALELGPB KIRVNAVNPV VVMTSMGQAT
WSDPHKAKTM LNRIPLGKFA EVEHVVNAIL FLLSDRSGMT TGSTLPVEGG FWAC.