

RPPB1574

Product Information Protein Information

Product SKU:

RPPB1574

Accession:

Q9BTZ2

Host:

Escherichia Coli.

Protein description:

DHRS4 Human Recombinant produced in E.coli is a single, non-glycosylated polypeptide chain containing 302 amino acids (1-278) and having a molecular mass of 32.1kDa. DHRS4 is fused to a 24 amino acid His-tag at N-terminus & purified by proprietary chromatographic techniques.

Appearance:

Sterile Filtered colorless solution.

Synonyms:

Dehydrogenase/reductase SDR family member 4, NADPH-dependent carbonyl reductase/NADP-retinol dehydrogenase, CR, PHCR, NADPH-dependent retinol dehydrogenase/reductase, NRDR, humNRDR, Peroxisomal short-chain alcohol dehydrogenase, PSCD, SCAD-SRL, Short-chain dehydrogenase/reductase family member 4, DHRS4, SDR-SRL, SDR25C1, SDR25C2.

Formulation:

The DHRS4 solution (0.25mg/ml) contains 20mM Tris-HCl buffer (pH7.5), 20% glycerol and 1mM DTT.

Purity:

Greater than 85.0% 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 MGSHMHKAGL LGLCARAWNS VRMASSGMTR RDPLANKVAL VTASTDGIGF
AIARRLAQDG AHVVVSSRKQ QNVDQAVATL QGEGLSVTGT VCHVGKAEDR ERLVATAVKL HGGIDILVSN
AAVNPFFGSI MDVTEEVWDK TLDINVKAPA LMTKAVVPEM EKRGGGSVVI VSSIAAFSPS PGFSPYNVSK
TALLGLTKTL AIELAPRNIR VNCLAPGLIK TSFSRMLWMD KEKEESMKET LRIRRLGEPE DCAGIVSFLC
SEDASYITGE TVVVGGGTTPS RL.