

Human DHODH Recombinant Protein



RPPB1572

Product Information Protein Information

Product SKU:

RPPB1572

Accession:

Q02127

Host:

E.coli.

Protein description:

DHODH Human Recombinant produced in E. coli is a single polypeptide chain containing 390 amino acids (31-395) and having a molecular mass of 42.3 kDa. DHODH is fused to a 25 amino acid His-tag at N-terminus & purified by proprietary chromatographic techniques.

Appearance:

Sterile Filtered colorless solution.

Synonyms:

Dihydroorotate dehydrogenase (quinone), Dihydroorotate oxidase, human complement of yeast URA1, DHodehase, POADS, EC 1.3.5.2, EC 1.3.3.1.

Formulation:

The DHODH solution (0.5mg/1ml) contains 20mM Tris-HCl buffer (pH 8.0), 100mM NaCl, 1mM DTT and 20% glycerol.

Purity:

Greater than 90% 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:

GSSHHHHHH SGLVPRGSH MGSMTGDER FYAEHLMPTL QLLDPESAH RLAVRFTSLG LLPRARFQDS
DMLEVRVLGH KFRNPVGI A GFDKHGEAVD GLYKMGFGFV EIGSVTPKPQ EGNPRPRVFR LPEDQAVINR
YGFNSHGLSV VEHLRRLRQQ KQAKLTEDGL PLGVNLGKKNK TSVDAEDYA EGVRVLGPLA DYLVVNVSSP
NTAGLRSLQG KAELRRLLTK VLQERDGLRR VHRPAVLVKI APDLTSQDKE DIASVVKELG IDGLIVTNTT
VSRPAGLQGA LRSETGGLSG KPLRDLSTQT IREMYALTQG RVPIIGVGGV SSGQDALEKI RAGASLVQLY
TALTFWGPPV VGKVKRELEA LLKEQGFGGV TDAIGADHRR.