

E.Coli IdhA E. coli Recombinant Protein



RPPB1897

Product Information Protein Information

Product SKU:

RPPB1897

Accession:

P52643

Host:

E.coli.

Protein description:

IdhA E.Coli Recombinant produced in E.coli is a single, non-glycosylated polypeptide chain containing 353 amino acids (1-329) and having a molecular mass of 39.1kDa. IdhA is fused to a 24 amino acid His-tag at N-terminus & purified by proprietary chromatographic techniques.

Appearance:

Sterile Filtered colorless solution.

Synonyms:

D-lactate dehydrogenase, D-LDH, Fermentative lactate dehydrogenase, IdhA, hslI, htpH, b1380, JW1375.

Formulation:

The IdhA solution (1mg/ml) contains 20mM Tris-HCl buffer, pH8.0, 10% glycerol and 100mM NaCl.

Purity:

Greater than 95% 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 SSSLVPRGSH MGSHEKLVAVY STKQYDKKYL QQVNESFGFE LEFFDFLLTE KTAKTANGCE
AVCIFVNDG SRPVLEELKK HGVKYIALRC AGFNNVDLDA AKELGLKVVV VPAYDPEAVA EHAIGMMMTL
NRRHRAYQR TRDANFSLEG LTGFTMYGKT AGVIGTGKIG VAMLRILKGF GMRLLAFFDPY PSAAAELGV
EYVDLPTLFS ESDVISLHCP LTPENYHLLN EAAFEQMKNG VMIVNTSRGA LIDSQAAIEA LKNQKIGSLG
MDVYENERDL FFEDKSNVVI QDDVFRRLSA CHNVLFTHGQ AFLTAEALTS ISQTTLQNLN NLEKGETCPN ELV.