

E.Coli MDH E. coli Recombinant Protein



RPPB1928

Product Information Protein Information

Product SKU:

RPPB1928

Host:

E.coli.

Protein description:

MDH Recombinant produced in E. coli is a single polypeptide chain containing 336 amino acids (1-312) and having a molecular mass of 34.9kDa. MDH is fused to a 24 amino acid His-tag at N-terminus & purified by proprietary chromatographic techniques.

Appearance:

Sterile Filtered colorless solution.

Synonyms:

Malate dehydrogenase cytoplasmic, EC 1.1.1.37, Cytosolic malate dehydrogenase, MDHA, MOR2, MDH-s, MGC:1375, MDH1.

Formulation:

The MDH solution (1mg/ml) contains 20mM Tris-HCl buffer (pH 8.0), 50mM NaCl, 1mM DTT and 10% glycerol.

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 MGSHEMKVAVL GAAGGIGQAL ALLLKTQLPS GSELSLYDIA PVTPGVAVDL
SHIPTAVKIK GFSGEDATPA LEGADVLLIS AGVARKPGMD RSDLFNVNAG IVKNLVQQVA KTCPKACIGI
ITNPVNTTVA IAAEVLKAG VYDKNKLVGV TTLDIIRSNT FVAELKQKQP GEVEVPVIGG HSGVTILPLL
SQVPGVSFTE QEVADLTKRI QNAGTEVVEA KAGGGSATLS MGQAAARFGL SLVRALQGEQ GVVECAVVEG
DGQYARFFSQ PLLLGKNGVE ERKSIGTLISA FEQNALEGML DTLKKDIALG EEVFNK