

Mouse MDH2 Recombinant Protein



RPPB1931

Product Information Protein Information

Product SKU:

RPPB1931

Accession:

P08249

Host:

Escherichia Coli.

Protein description:

MDH2 Mouse Recombinant produced in E.Coli is a single, non-glycosylated polypeptide chain containing 335 amino acids (25-338a.a.) and having a molecular mass of 35.4kDa. MDH2 is fused to a 21 amino acid His-tag at N-terminus & purified by proprietary chromatographic techniques.

Appearance:

Sterile Filtered colorless solution.

Synonyms:

M-MDH, MDH, MOR1.

Formulation:

MDH2 protein solution (1mg/ml) containing Phosphate buffered saline (pH7.4) and 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). Please prevent freeze-thaw cycles.

Amino Acid Sequence:

MGSSHHHHHH SSSLVPRGSH MAKVAVLGAS GGIGQPLSLL LKNSPLVSRL TLYDIAHTPG VAADLSHIET
RANVKGYLGP EQLPDCLKGC DVVIPAGVP RKPGMTRDDL FNTNATIVAT LTAACAQHCP EAMVCIANP
VNSTIPITAE VFKKHGVYNP NKIFGVTTLD IVRANTFVAE LKGLDPARVN VPVIGGHAGK TIIP LISQCT
PKVDFPQDQL ATLTGRIQEA GTEVVKAKAG AGSATLSMAY AGARFVFLV DAMNGKEGVV ECSFVQSKET
ECTYFSTPLL LGKKGLEKNL GIGKITPFEE KMIAEAIPEL KASIKKGEDF VKNMK.

Biological Activity:

Specific activity is > 800 units/mg, and is defined as the amount of enzyme that cleaves 1umole of oxaloacetate and beta-NADH to malate and beta-NAD per minute at pH8.0 at 37°C.