

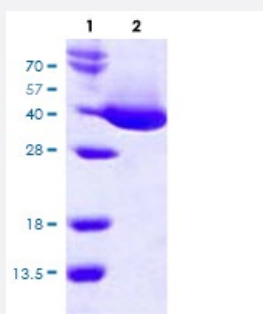
Bioactive

Full-Length

mdh (*Escherichia coli*) Recombinant Protein

Catalog # P7925 Size 100 ug

Applications



Specification

Product Description	E.coli mdh (P61889, 1 a.a. - 312 a.a.) full length recombinant protein with His tag expressed in <i>Escherichia coli</i> .
Sequence	MKVAVLGAAGGIGQALALLLKTQLPSGSELSLYDIAPVTPGVAVDLSHIPTAVKIKGFSGEDATPAL EGADVVLISAGVARKPGMDRSDLFNVNAGVKNLVQQVAKTCPKACIGIITNPVNTTVAIAAEVLKK AGVYDKNKLFGVTTLDIIRSNTFVAELKGKQPGEVEVPVIGGHSGVTILPLLSQVPGVSFTEQEVD LTKRIQNAGTEVVEAKAGGGSATLSMGQAAARFGLSLVRALQGEQGVVECAYPEGDGQYARFFS QPLLLGKNGVEERKSIGTLSAFEQNALEGMLDTLKKDIALGEEFVNK
Host	Escherichia coli
Theoretical MW (kDa)	34.9
Form	Liquid
Preparation Method	<i>Escherichia coli</i> expression system
Purity	> 95% by SDS-PAGE
Activity	Specific activity is > 1000 unit/mg, and is defined as the amount of enzyme that cleaves 1 umole of oxalacetate and beta-NADH to L-malate and beta-NAD per minute at pH 8.0 at 37°C.
Quality Control Testing	3 ug by SDS-PAGE under reducing condition and visualized by Coomassie blue stain.

Storage Buffer

In 20mM Tris-HCl pH 8.0 (10% glycerol, 50 mM NaCl, 1 mM DTT)

Storage Instruction

Store at 2°C to 8°C for 1 week. For long term storage, aliquot and store at -20°C to -80°C.
Aliquot to avoid repeated freezing and thawing.

Applications

- Functional Study
- SDS-PAGE

Gene Info — mdh

Entrez GeneID[947854](#)**Protein Accession#**[P61889](#)**Gene Name**

mdh

Gene Alias

ECK3225, JW3205

Gene Description

malate dehydrogenase, NAD(P)-binding

Gene Ontology[Hyperlink](#)**Gene Summary**

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Other Designations

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