

Recombinant E.coli Malate dehydrogenase

Catalog No: #AP72387



Package Size: #AP72387-1 20ug #AP72387-2 100ug #AP72387-3 1mg

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Description

Product Name	Recombinant E.coli Malate dehydrogenase
Brief Description	Recombinant Protein
Host Species	E.coli
Purification	Greater than 90% as determined by SDS-PAGE.
Immunogen Description	Expression Region:1-312aaSequence Info:Full Length
Accession No.	P61889
Uniprot	P61889
GeneID	947854;
Calculated MW	36.3 kDa
Tag Info	N-terminal 6xHis-tagged
Target Sequence	MKVAVLGAAGGIGQALALLKTQLPSGSELSLYDIAPVTPGVAVDLSHIPTAVKIKGFSGEDATPALEGADVLI SAGVARKPGMDRSDLFNVNAGIVKNLVQQVAKTCKACIGIITNPVNTTVAIAAEVLKKAGVYDKNKLFVTTL DIIRSNTFVAELKKGKQPGEVEVPVIGGHSGVTILPLLSQVPGVSFTEQEVAADLTKRIQNAGTEVVEAKAGGGSA TLSMGQAAARFGLSLVRALQGEQGVVECAIVEGDGQYARFFSQPLLLGKNGVEERKSIGTLSAFEQNALEGM LDTLKKDIALGEEFVNK
Formulation	Tris-based buffer50% glycerol
Storage	The shelf life is related to many factors, storage state, buffer ingredients, storage temperature and the stability of the protein itself. Generally, the shelf life of liquid form is 6 months at -20°C,-80°C. The shelf life of lyophilized form is 12 months at -20°C,-80°C.Notes:Repeated freezing and thawing is not recommended. Store working aliquots at 4°C for up to one week.

Background

Catalyzes the reversible oxidation of malate to oxaloacetate.

References

Isolation and expression of the Escherichia coli gene encoding malate dehydrogenase.Sutherland P., McAlister-Henn L.J. Bacteriol. 163:1074-1079(1985)Research Topic:Others

Note: This product is for in vitro research use only