

Recombinant Bacillus subtilis Malate dehydrogenase(mdh)

Catalog No: #AP70536

Package Size: #AP70536-1 20ug #AP70536-2 100ug #AP70536-3 1mg

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Description

Product Name	Recombinant Bacillus subtilis Malate dehydrogenase(mdh)
Host Species	E.coli
Purification	Greater than 90% as determined by SDS-PAGE.
Immunogen Description	Expression Region:2-312aaSequence Info:Full Length
Other Names	Vegetative protein 69 ;VEG69
Accession No.	P49814
Calculated MW	37.5 kDa
Tag Info	N-terminal 6xHis-tagged
Target Sequence	GNTRKKVSVIGAGFTGATTAFLIAQKELADVVLVDIPQLENPTKGKALDMLEASPVQGFDKITGTSNYEDTAG SDIVVITAGIARKPGMSRDDLVSTNEKIMRSVTQEIVKYSPPDSIIVLTNPVDAMTYAVYKESGFPKERVIGQSG VLDTARFRTFVAEELNLSVKDVTGFVLGGHGDDMVPLVRYSYAGGIPLTLIPKERIDAIVERTRKGGGEIVNLL NGNSAYYAPAASLTEMVEAILKDQRRVLPTIAYLEGEYGYEGIYLGVPITVGGNGLEQIIIELELTDYERAQLNKS VESVKNVMKVLS
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

The serine,threonine,tyrosine phosphoproteome of the model bacterium Bacillus subtilis.Macek B., Mijakovic I., Olsen J.V., Gnad F., Kumar C., Jensen P.R., Mann M.Mol. Cell. Proteomics 6:697-707(2007) Research Topic:Others

Note: This product is for in vitro research use only and is not intended for use in humans or animals.