

# Recombinant human Malate dehydrogenase, cytoplasmic

Catalog No: #AP71862

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Package Size: #AP71862-1 20ug #AP71862-2 100ug #AP71862-3 1mg

## Description

Product Name	Recombinant human Malate dehydrogenase, cytoplasmic
Brief Description	Recombinant Protein
Host Species	E.coli
Purification	Greater than 90% as determined by SDS-PAGE.
Immunogen Description	Expression Region:2-333aaSequence Info:Full Length
Other Names	Cytosolic malate dehydrogenaseDiiodophenylpyruvate reductase (EC:1.1.1.96)
Accession No.	P40925
Uniprot	P40925
GeneID	4190;
Calculated MW	63.2 kDa
Tag Info	N-terminal GST-tagged
Target Sequence	SEPIRVLVTGAAGQIAYSLLYSIGNSVFGKDQPIILVLLDITPMMGVLDGVLMELQDCALPLLKDVIATDKEDVAFKDLDVAILVGSMPRREGMERKDLLKANVKIFKSQGAALDKYAKSVKVIIVGNPANTNCLTASKSAPSIPKENFSCLTRLDHNRKAQIALKLGVTANDVKNVWIWGNHSSTQYPDVNHAKVKLQGKEVGVYEALKDDSWLKGEFVTTVQQRGAAVIKARKLSSAMSAKAICDHVRDIWFGTPEGEFVSMGVISDGNISYGVPPDLLYSFPVVIKNTWKFVEGLPINDFSREKMDLTAKELTEEKESAFEFLSS
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.

## References

"Generation and annotation of the DNA sequences of human chromosomes 2 and 4." Hillier L.W., Graves T.A., Fulton R.S., Fulton L.A., Pepin K.H., Minx P., Wagner-McPherson C., Layman D., Wylie K., Sekhon M., Becker M.C., Fewell G.A., Delehaunty K.D., Miner T.L., Nash W.E., Kitzman C., Oddy L., Du H. Wilson R.K. Nature 434:724-731(2005) Research Topic: Metabolism

Note: This product is for in vitro research use only