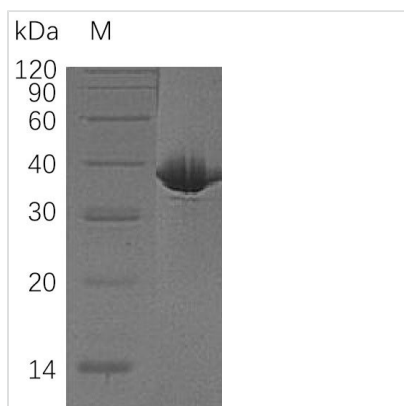




Recombinant Human Malate dehydrogenase, cytoplasmic (MDH1) (Active)

Product Code	CSB-AP005651HU
Uniprot No.	P40925
Form	Liquid
Storage Buffer	0.2 μ m filtered 20 mM Tris-HCl, 150 mM NaCl, pH 8.0
Product Type	Other
Immunogen Species	Homo sapiens (Human)
Biological Activity	Its dehydrogenation activity from (S)-malate to oxaloacetate in the presence of NAD ⁺ is determined to be greater than 1000 pmol/min/ug
Purity	\geq 95% as determined by SDS-PAGE.
Sequence	SEPIRVLVTGAAGQIAYSLLYSIGNGSVFGKDQPIILVLLDITPMMGVLDGVLME LQDCALPLLKDVIATDKEDVAFKDLDVAILVGSMPRREGMERKDLLKANVKIFK SQGAALDKYAKKSVKVVVGNPANTNCLTASKSAPSIPKENFSCLTRLDHNRK AQIALKLGVTANDVKNVWGNHSSTQYPDVNHAKVKLQGKEVGVYEALKDDSD WLKGEFVTTVQQRGA AVIKARKLSSAMSAKAICDHVRDIWFGTPEGEFVSM GVISDGNSYGV PDDLLYSFPVVIKNKTWK FVEGLPINDFSREKMDLTAKELTEE KESAFEFLSSA
Research Area	Signal Transduction
Source	E.coli
Target Names	MDH1
Expression Region	2-334aa
Notes	Repeated freezing and thawing is not recommended. Store working aliquots at 4°C for up to one week.
Tag Info	C-terminal 6xHis-tagged
Mol. Weight	37.5 kDa
Protein Length	Full Length of Mature Protein

Image



(Tris-Glycine gel) Discontinuous SDS-PAGE (reduced) with 5% enrichment gel and 15% separation gel.



Endotoxin

Less than 1.0 EU/μg as determined by LAL method.

Shelf Life

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.