

## Recombinant Human ME1, His-tagged

Cat. No. ME1-795H Lot. No. (See product label)

### SPECIFICATION

<b>Product Overview</b>	Recombinant Human ME1 protein, fused to His-tag, was expressed in E.coli and purified by Ni-sepharose.
<b>Species</b>	Human
<b>Source</b>	E.coli
<b>ProteinLength</b>	226-572aa
<b>Storage</b>	The protein is stored in PBS buffer at -20°C. Avoid repeated freezing and thawing cycles.
<b>Storage Buffer</b>	1M PBS (58mM Na <sub>2</sub> HPO <sub>4</sub> , 17mM NaH <sub>2</sub> PO <sub>4</sub> , 68mM NaCl, pH8. ) added with 300mM Imidazole and 0.7% Sarcosyl, 15%glycerol.

### GENE INFORMATION

<b>Gene Name</b>	ME1 malic enzyme 1, NADP(+)-dependent, cytosolic [ Homo sapiens ]
<b>Official Symbol</b>	ME1
<b>Synonyms</b>	ME1; malic enzyme 1, NADP(+)-dependent, cytosolic; NADP-dependent malic enzyme; NADP-ME; malate dehydrogenase; malic enzyme 1, soluble; Malic enzyme, cytoplasmic; pyruvic-malic carboxylase; MES; HUMNDME;

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<b>Gene ID</b>	4199
<b>mRNA Refseq</b>	NM_002395
<b>Protein Refseq</b>	NP_002386
<b>MIM</b>	154250
<b>UniProt ID</b>	P48163
<b>Chromosome Location</b>	6q12
<b>Pathway</b>	Fatty acid, triacylglycerol, and ketone body metabolism, organism-specific biosystem; Metabolic pathways, organism-specific biosystem; Metabolism, organism-specific biosystem; Metabolism of lipids and lipoproteins, organism-specific biosystem; PPAR signaling pathway, organism-specific biosystem; PPAR signaling pathway, conserved biosystem; PPARA Activates Gene Expression, organism-specific biosystem;
<b>Function</b>	ADP binding; NAD binding; NADP binding; electron carrier activity; malate dehydrogenase (oxaloacetate-decarboxylating) (NADP+) activity; malate dehydrogenase (oxaloacetate-decarboxylating) (NADP+) activity; malate dehydrogenase (oxaloacetate-decarboxylati

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