

## Recombinant Human ME1 Protein, MYC/DDK-tagged

Cat. No. ME1-799H Lot. No. (See product label)

### SPECIFICATION

<b>Product Overview</b>	Recombinant Human full length ME1 was expressed in HEK293 cells with C-terminal MYC/DDK.
<b>Species</b>	Human
<b>Source</b>	HEK293
<b>Description</b>	This gene encodes a cytosolic, NADP-dependent enzyme that generates NADPH for fatty acid biosynthesis. The activity of this enzyme, the reversible oxidative decarboxylation of malate, links the glycolytic and citric acid cycles. The regulation of expression for this gene is complex. Increased expression can result from elevated levels of thyroid hormones or by higher proportions of carbohydrates in the diet.
<b>Form</b>	25 mM Tris.HCl, pH 7.3, 100 mM glycine, 10% glycerol.
<b>Molecular Mass</b>	64 kDa
<b>Purity</b>	> 80%
<b>Concentration</b>	>50 ug/mL as determined by microplate BCA method
<b>Full Length</b>	Full L.

### GENE INFORMATION

 Tel: 1-631-559-9269 1-516-512-3133

 Email: [info@creative-biomart.com](mailto:info@creative-biomart.com)  Fax: 1-631-938-8127

 45-1 Ramsey Road, Shirley, NY 11967, USA



<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
<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

 Tel: 1-631-559-9269 1-516-512-3133

 Email: [info@creative-biomart.com](mailto:info@creative-biomart.com)  Fax: 1-631-938-8127

 45-1 Ramsey Road, Shirley, NY 11967, USA