Recombinant Human ME1 Protein, MYC/DDK-tagged

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

SPECIFICATION

Product Overview	Recombinant Human full length ME1 was expressed in HEK293 cells with C-terminal MYC/DDK.
Species	Human
Source	HEK293
Description	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.
Form	25 mM Tris.HCl, pH 7.3, 100 mM glycine, 10% glycerol.
Molecular Mass	64 kDa
Purity	> 80%
Concentration	>50 ug/mL as determined by microplate BCA method
Full Length	Full L.

GENE INFORMATION

Tel: 1-631-559-9269 1-516-512-3133
Email: info@creative-biomart.com Fax: 1-631-938-8127
45-1 Ramsey Road, Shirley, NY 11967, USA

Gene Name	ME1 malic enzyme 1, NADP(+)-dependent, cytosolic [Homo sapiens]
Official Symbol	ME1
Synonyms	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
Gene ID	4199
mRNA Refseq	NM_002395
Protein Refseq	NP_002386
MIM	154250
UniProt ID	P48163

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