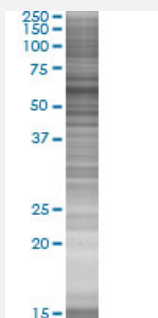


ME1 293T Cell Transient Overexpression Lysate(Denatured)

Catalog # H00004199-T01

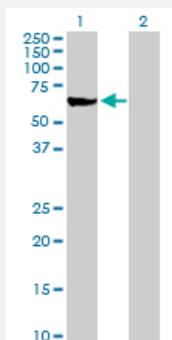
Size 100 uL

Applications



SDS-PAGE Gel

ME1 transfected lysate.



Western Blot

Lane 1: ME1 transfected lysate (64.10 KDa)

Lane 2: Non-transfected lysate.

Specification

Transfected Cell Line 293T

Plasmid pCMV-ME1 full-length

Host Human

Theoretical MW (kDa) 64.1

Quality Control Testing Transient overexpression cell lysate was tested with Anti-ME1 antibody ([H00004199-D01P](#)) by Western Blots.
 SDS-PAGE Gel
 ME1 transfected lysate.
 Western Blot
 Lane 1: ME1 transfected lysate (64.10 KDa)
 Lane 2: Non-transfected lysate.

Storage Buffer	1X Sample Buffer (50 mM Tris-HCl, 2% SDS, 10% glycerol, 300 mM 2-mercaptoethanol, 0.01% Bromophenol blue)
Storage Instruction	Store at -80°C. Aliquot to avoid repeated freezing and thawing.

Applications

- Western Blot

Gene Info — ME1

Entrez GeneID	4199
GeneBank Accession#	NM_002395.3
Protein Accession#	NP_002386.1
Gene Name	ME1
Gene Alias	HUMNDME, MES
Gene Description	malic enzyme 1, NADP(+)-dependent, cytosolic
Omim ID	154250
Gene Ontology	Hyperlink
Gene Summary	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. [provided by RefSeq]
Other Designations	Malic enzyme, cytoplasmic NADP-dependent malic enzyme OTTHUMP00000016792 cytosolic malic enzyme 1 malate dehydrogenase malic enzyme 1, soluble pyruvic-malic carboxylase

Pathway

- [Biosynthesis of alkaloids derived from histidine and purine](#)
- [Biosynthesis of alkaloids derived from ornithine](#)
- [Biosynthesis of alkaloids derived from shikimate pathway](#)

- [Biosynthesis of alkaloids derived from terpenoid and polyketide](#)
- [Biosynthesis of terpenoids and steroids](#)
- [Carbon fixation in photosynthetic organisms](#)
- [Metabolic pathways](#)
- [PPAR signaling pathway](#)
- [Pyruvate metabolism](#)

Disease

- [Lung Neoplasms](#)