

Recombinant Human ADHFE1 cell lysate

Cat. No. ADHFE1-32HCL Lot. No. (See product label)

SPECIFICATION

Species	Human
Description	The ADHFE1 gene encodes hydroxyacid-oxoacid transhydrogenase (EC 1.1.99.24), which is responsible for the oxidation of 4-hydroxybutyrate in mammalian tissues (Kardon et al., 2006 [PubMed 16616524]).
Size	100 ul
Storage Buffer	1X Sample Buffer (50 mM Tris-HCl, 2% SDS, 10% glycerol, 300 mM 2-mercaptoethanol, 0.01% Bromophenol blue)
Applications	Western Blot;

GENE INFORMATION

Gene Name	ADHFE1 alcohol dehydrogenase, iron containing, 1 [Homo sapiens]
Official Symbol	ADHFE1
Synonyms	ADHFE1; alcohol dehydrogenase, iron containing, 1; hydroxyacid-oxoacid transhydrogenase, mitochondrial; ADHFe1; FLJ32430; alcohol dehydrogenase 8; Fe-containing alcohol dehydrogenase 1; alcohol dehydrogenase iron-containing protein 1; HOT; ADH8; HMFT2263; MGC48605;
Gene ID	137872

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mRNA Refseq	NM_144650
Protein Refseq	NP_653251
MIM	611083
UniProt ID	Q8IWW8
Chromosome Location	8q12.3
Pathway	Interconversion of 2-oxoglutarate and 2-hydroxyglutarate, organism-specific biosystem; Metabolism, organism-specific biosystem; Pyruvate metabolism and Citric Acid (TCA) cycle, organism-specific biosystem; The citric acid (TCA) cycle and respiratory electron transport, organism-specific biosystem;
Function	hydroxyacid-oxoacid transhydrogenase activity; metal ion binding; oxidoreductase activity;

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