

Recombinant Full Length Human ADHFE1 Protein, GST-tagged

Cat. No. ADHFE1-944HF **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Human ADHFE1 full-length ORF (NP_653251.1, 1 a.a. - 419 a.a.) recombinant protein with GST-tag at N-terminal.
Species	Human
Source	In Vitro Cell Free System
ProteinLength	419 amino acids
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]).[supplied by OMIM, Mar 2008]
Molecular Mass	71.6 kDa
AA Sequence	MAVSNIRYGA AVTKEVGMDL KNMGAKNVCL MTDKNLSKLP PVQVAMDSLV KNGIPFTVYD NVRVEPTDSS FMEAIEFAQK GAFDAYVAVG GGSTMDTCKA ANLYASSPHS DFLDYVSAPI GKGKPVSVPL KPLIAVPTTS GTGSETTGVA IFDYEHLKVK IGITSRAIKP TLGLIDPLHT LHMPARVVAN SGFDVLCHAL ESYTTLPYHL RSPCPSNPIT RPAYQGSNPI SDIWAIHALR IVAKYLKRAV RNPDDLEARS HMHLASAFAG IGFGNAGVHL CHGMSYPISG LVKMYKAKDY NVDHPLVPHG LSVVLTSPAV FTFTAQMFPE RHLEMAEILG ADTRTARIQD AGLVLADTLR KFLFDLDVDD GLAAVGYSKA DIPALVKGTLPQERVTKLAP RPQSEEDLAA LFEASMKLY

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Applications	Enzyme-linked Immunoabsorbent Assay Western Blot (Recombinant protein) Antibody Production Protein Array
Storage	Store at -80 centigrade. Aliquot to avoid repeated freezing and thawing.
Storage Buffer	50 mM Tris-HCl, 10 mM reduced Glutathione, pH=8.0 in the elution buffer.
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
mRNA Refseq	NM_144650
Protein Refseq	NP_653251
MIM	611083
UniProt ID	Q8IWW8