

Recombinant Human ADHFE1 Protein, GST-tagged

Cat. No. ADHFE1-355H **Lot. No.** (See product label)

SPECIFICATION

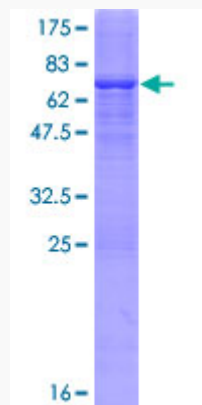
Product Overview	Human ADHFE1 full-length ORF (NP_653251.1, 1 a.a. - 419 a.a.) recombinant protein with GST-tag at N-terminal.
Species	Human
Source	Wheat Germ
Description	The ADHFE1 gene encodes hydroxyacid-oxoacid transhydrogenase (EC 1.1.99.24), which is responsible for the oxidation of 4-hydroxybutyrate in mammalian tissues (Kardon et al., 2006 [PubMed 16616524]).[supplied by OMIM, Mar 2008]
Molecular Mass	71.6 kDa
AA Sequence	MAVSNIRYGAAVTKEVGMDLKNMGAKNVCLMTDKNLSKLPPVQVAMDSLVKNGIPF TVYDNVRVEPTDSSFMEAIEFAQKGAFDAYVAVGGGSTMDTCKAANLYASSPHSDF LDYVSAPIGKGKPVSVPLKPLIAVPTTSGTGSETTGVAIFDYEHLKVKIGITSRAIKPTL GLIDPLHTLHMPARVVANSFGFDVLCHALESYTTLPHYHLRSPCPSNPITRPAYQGSNPI SDIWAIHALRIVAKYLKRAVRNPDDLEARSHMHLASAFAGIGFGNAGVHLCHGMSYP ISGLVKMYKAKDYNVDHPLVPHGLSVVLTSPAVFTFTAQMFPERHLEMAEILGADTR TARIQDAGLVLADTLRKFLFDLDVDDGLAAVGYSKADIPALVKGTLPQERVTKLAPRP QSEEDLAALFEASKMLY
Applications	Enzyme-linked Immunoabsorbent Assay Western Blot (Recombinant protein) Antibody Production

 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

	Protein Array
Notes	Best use within three months from the date of receipt of this protein.
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

Quality Control**Testing:**

12.5% SDS-PAGE Stained with Coomassie Blue.

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