

Recombinant Human ADHFE1 protein, His-tagged

Cat. No. ADHFE1-9422H **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Recombinant Human ADHFE1 protein(1-255 aa), fused with N-terminal His tag, was expressed in E. coli.
Species	Human
Source	E.coli
ProteinLength	1-255 aa
Tag	N-His
Form	The purified protein was Lyophilized from sterile PBS (58mM Na ₂ HPO ₄ , 17mM NaH ₂ PO ₄ , 68mM NaCl, pH7.4). 5 % trehalose and 5 % mannitol are added as protectant before lyophilization.
Purity	90%, by SDS-PAGE with Coomassie Brilliant Blue staining.
Storage	Short-term storage: Store at 2-8°C for (1-2 weeks). Long-term storage: Aliquot and store at -20°C to -80°C for up to 3 months, reconstitution with sterile water and addition of an equal volume of glycerol. Avoid repeat freeze-thaw cycles.
Reconstitution	Reconstitute at 0.25 µg/µl in 200 µl sterile water for short-term storage. After reconstitution with sterile water, if glycerol has no effect on subsequent experiments, it is recommended to add an equal volume of glycerol for long-term storage.

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AA Sequence

MAVSNIRYGA AVTKEVGMDLKNMGAKNVCLMTDKNLSKLPPVQVAMDSL VKNGIPF
TVYDNVRVEPTDSSFMEAIEFAQKGAFDAYVAVGGGSTMDTCKAANLYASSPHSDF
LDYVSAPIGKGKPVSVPLKPLIAVPTTSGTGSETTGVAIFDYEHLKVKIGITSRAIKPTL
GLIDPLHTLHMPARVVANS GFVDLCHALESYTTLPHYHLRSPCPSNPITRPAYQGSNPI
SDIWAIHALRIVAKY LKRAVNSTDK

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](#)

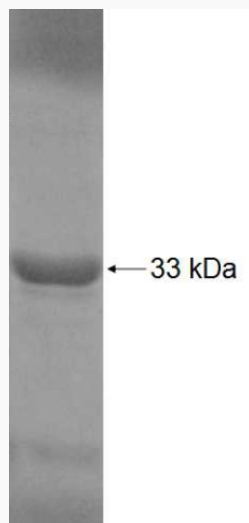
mRNA Refseq [NM_144650](#)

Protein Refseq [NP_653251](#)

MIM [611083](#)

UniProt ID [Q8IWW8](#)

SDS-PAGE



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