

Recombinant Human HIBADH protein, His&Myc-tagged

Cat. No. HIBADH-5454H **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Recombinant Human HIBADH protein(P31937)(37-336aa), fused with N-terminal His tag and C-terminal Myc tag, was expressed in E.coli.
Species	Human
Source	E.coli
ProteinLength	37-336aa
Form	If the delivery form is liquid, the default storage buffer is Tris/PBS-based buffer, 5%-50% glycerol. If the delivery form is lyophilized powder, the buffer before lyophilization is Tris/PBS-based buffer, 6% Trehalose, pH 8.0.
Molecular Mass	39.0 kDa
Purity	Greater than 90% as determined by SDS-PAGE.
Storage	Store at -20°C/-80°C upon receipt, aliquoting is necessary for mutiple use. Avoid repeated freeze-thaw cycles.
Reconstitution	We recommend that this vial be briefly centrifuged prior to opening to bring the contents to the bottom. Please reconstitute protein in deionized sterile water to a concentration of 0.1-1.0 mg/mL. We recommend to add 5-50% of glycerol (final concentration) and aliquot for long-term storage at -20°C/-80°C.

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AA Sequence

ASKTPVGFIGLGNMGNPMAKNLMKHGYPLIIYDVFPDACKEFQDAGEQVVSSPADV
 AEKADRIITMLPTSINAIEAYSGANGILKKVKKGSLIDSSTIDPAVSKELAKEVEKMG
 VFMDAPVSGGVGAARSGNLTFMVGGVEDEFQAAQELLGCMGSNNVYCGAVGTGQ
 AAKICNNMLLAISMIGTAEAMNLGIRLGLDPKLLAKILNMSSGRCWSSDTYNPVPVGM
 DGVPSANNYQGGFGTTLMAKDLGLAQDSATSTKSPILLGSLAHQIYRMMCAKGYSK
 KDFSSVFQFLREEETF

GENE INFORMATION

Gene Name [HIBADH 3-hydroxyisobutyrate dehydrogenase \[Homo sapiens \]](#)

Official Symbol [HIBADH](#)

Synonyms HIBADH; 3-hydroxyisobutyrate dehydrogenase; 3-hydroxyisobutyrate dehydrogenase, mitochondrial; NS5ATP1; MGC40361;

Gene ID [11112](#)

mRNA Refseq [NM_152740](#)

Protein Refseq [NP_689953](#)

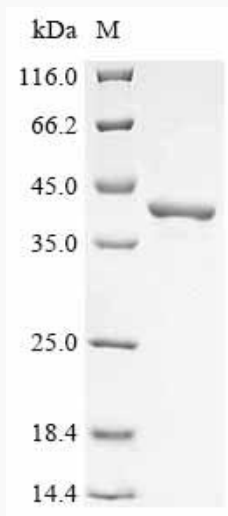
MIM [608475](#)

UniProt ID [P31937](#)

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SDS-PAGE

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