

## Recombinant Human HIBADH protein, His&Myc-tagged

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

### SPECIFICATION

<b>Product Overview</b>	Recombinant Human HIBADH protein(P31937)(37-336aa), fused with N-terminal His tag and C-terminal Myc tag, was expressed in E.coli.
<b>Species</b>	Human
<b>Source</b>	E.coli
<b>ProteinLength</b>	37-336aa
<b>Form</b>	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.
<b>Molecular Mass</b>	39.0 kDa
<b>Purity</b>	Greater than 90% as determined by SDS-PAGE.
<b>Storage</b>	Store at -20°C/-80°C upon receipt, aliquoting is necessary for mutiple use. Avoid repeated freeze-thaw cycles.
<b>Reconstitution</b>	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**

ASKTPVGFIFLGNMGNPMAKNLMKHGYPLIYDVFPDACKEFQDAGEQVVSSPADV  
 AEKADRIITMLPTSINAIEAYSGANGILKKVKKGSLLDSTIDPAVSKELAKEVEKMGA  
 VFMDAPVSGGVGAARSGNLTFMVGVEDEFQAAQELLGCMGNSNVVYCGAVGTGQ  
 AAKICNNMLLAISMIGTAEAMNLRGIRLGLDPKLLAKILNMSSGRCWSSDTYNPVPVGM  
 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](#)

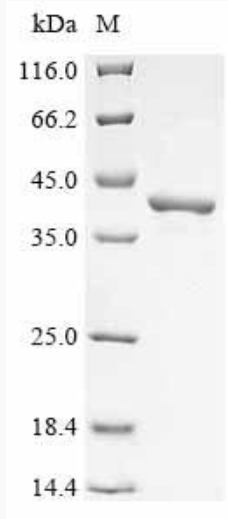
**UniProt ID** [P31937](#)

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**SDS-PAGE**



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