

Recombinant Human AMDHD1 protein, His-tagged

Cat. No. AMDHD1-8544H Lot. No. (See product label)

SPECIFICATION

Product Overview	Recombinant Human AMDHD1 protein(78-426 aa), fused with N-terminal His tag, was expressed in E. coli.
Species	Human
Source	E.coli
ProteinLength	78-426 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	85%, 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

CILPGLVDAHTHPVWAGERVHEFAMKLAGATYMEIHQAGGGIHFTVERTRQATEEE
 LFRSLQQRLQCMMRAGTTLVECKSGYGLDLETCLKMLRVIERARRELDIGISATYCG
 AHSVPKGKTATEAADDIINNHLPKLKELGRNGEIHVDNIDVFCEKGVFDLDSTRILQ
 RGKDIGLQINFHGDELHPMKAAELGAELGAQAISHLEEVSDGIVAMATARCSAILLP
 TTAYMLRLKQPRARKMLDEGVIVALGSDFNPNAYCFSPMPVMHLACVNMRRMSMPE
 ALAAATINAAYALGKSHTHGSLEVKGQGDIIINSSRWEHLIYQFGGHHELIEYVIAKG
 KLIYKT

GENE INFORMATION
Gene Name

[AMDHD1 amidohydrolase domain containing 1 \[Homo sapiens \]](#)

Official Symbol

[AMDHD1](#)

Synonyms

AMDHD1; amidohydrolase domain containing 1; probable imidazolonepropionase;
 MGC35366; amidohydrolase domain-containing protein 1; HMFT1272;

Gene ID

[144193](#)

mRNA Refseq

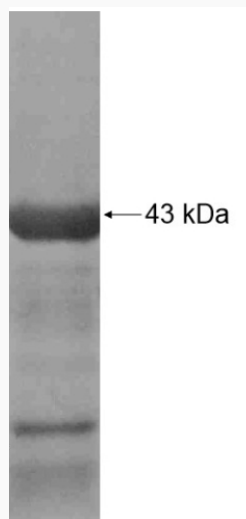
[NM_152435](#)

Protein Refseq

[NP_689648](#)

UniProt ID

[Q96NU7](#)

SDS-PAGE

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