

# Recombinant Human AMDHD1, His-tagged

**Cat. No.** AMDHD1-9611H    **Lot. No.** (See product label)

## SPECIFICATION

|                         |                                                                                                                                                                      |
|-------------------------|----------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| <b>Product Overview</b> | Recombinant Human AMDHD1 protein, fused to His-tag, was expressed in E.coli and purified by Ni-sepharose.                                                            |
| <b>Species</b>          | Human                                                                                                                                                                |
| <b>Source</b>           | E.coli                                                                                                                                                               |
| <b>ProteinLength</b>    | C-term-349a.a.                                                                                                                                                       |
| <b>Storage</b>          | The protein is stored in PBS buffer at -20°C. Avoid repeated freezing and thawing cycles.                                                                            |
| <b>Storage Buffer</b>   | 1M PBS (58mM Na <sub>2</sub> HPO <sub>4</sub> , 17mM NaH <sub>2</sub> PO <sub>4</sub> , 68mM NaCl, pH8. ) added with 300mM Imidazole and 0.7% Sarcosyl, 15%glycerol. |

## GENE INFORMATION

|                        |                                                                                                                                             |
|------------------------|---------------------------------------------------------------------------------------------------------------------------------------------|
| <b>Gene Name</b>       | AMDHD1 amidohydrolase domain containing 1 [ Homo sapiens ]                                                                                  |
| <b>Official Symbol</b> | AMDHD1                                                                                                                                      |
| <b>Synonyms</b>        | AMDHD1; amidohydrolase domain containing 1; probable imidazolonepropionase; MGC35366; amidohydrolase domain-containing protein 1; HMFT1272; |
| <b>Gene ID</b>         | 144193                                                                                                                                      |

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|----------------------------|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| <b>mRNA Refseq</b>         | NM_152435                                                                                                                                                                                                                                                                                                                                                                  |
| <b>Protein Refseq</b>      | NP_689648                                                                                                                                                                                                                                                                                                                                                                  |
| <b>UniProt ID</b>          | Q96NU7                                                                                                                                                                                                                                                                                                                                                                     |
| <b>Chromosome Location</b> | 12q23.1                                                                                                                                                                                                                                                                                                                                                                    |
| <b>Pathway</b>             | Histidine catabolism, organism-specific biosystem; Histidine metabolism, organism-specific biosystem; Histidine metabolism, conserved biosystem; Metabolic pathways, organism-specific biosystem; Metabolism, organism-specific biosystem; Metabolism of amino acids and derivatives, organism-specific biosystem; histidine degradation III, organism-specific biosystem; |
| <b>Function</b>            | imidazolonepropionase activity; metal ion binding;                                                                                                                                                                                                                                                                                                                         |

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