

# Recombinant Full Length Human REN, His-tagged

**Cat. No.** REN-2253H    **Lot. No.** (See product label)

## SPECIFICATION

|                         |                                                                                                                                                                      |
|-------------------------|----------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| <b>Product Overview</b> | Recombinant Human REN 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>    | 1-406aa                                                                                                                                                              |
| <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>       | REN renin [ Homo sapiens ]                                                                           |
| <b>Official Symbol</b> | REN                                                                                                  |
| <b>Synonyms</b>        | REN; renin; angiotensinogenase; renin precursor, renal; angiotensin-forming enzyme; HNFJ2; FLJ10761; |
| <b>Gene ID</b>         | 5972                                                                                                 |

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|----------------------------|-----------------------------------------------------------------------------------------------------------------------------------------------------------|
| <b>mRNA Refseq</b>         | NM_000537                                                                                                                                                 |
| <b>Protein Refseq</b>      | NP_000528                                                                                                                                                 |
| <b>MIM</b>                 | 179820                                                                                                                                                    |
| <b>UniProt ID</b>          | P00797                                                                                                                                                    |
| <b>Chromosome Location</b> | 1q32                                                                                                                                                      |
| <b>Pathway</b>             | ACE Inhibitor Pathway, organism-specific biosystem; Renin-angiotensin system, organism-specific biosystem; Renin-angiotensin system, conserved biosystem; |
| <b>Function</b>            | aspartic-type endopeptidase activity; insulin-like growth factor receptor binding; peptidase activity; receptor binding;                                  |

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