

## Recombinant Mouse Ren1 protein, His-tagged

Cat. No. Ren1-7885M Lot. No. (See product label)

### SPECIFICATION

|                         |   |
|-------------------------|---|
| <b>Product Overview</b> | Recombinant Mouse Ren1 aa. (Val110~Val221 (Accession # P06281)) fused with N-terminal His tag was produced in E. coli cells.  |
| <b>Species</b>          | Mouse   |
| <b>Source</b>           | E.coli  |
| <b>ProteinLength</b>    | Val110~Val221   |
| <b>Form</b>             | Freeze-dried powder   |
| <b>Molecular Mass</b>   | 13 kDa as determined by SDS-PAGE reducing conditions.   |
| <b>Endotoxin</b>        | <1.0EU per 1g (determined by the LAL method)  |
| <b>Purity</b>           | >95%  |
| <b>Characteristic</b>   | The isoelectric point is 5.8.   |
| <b>Applications</b>     | SDS-PAGE; WB; ELISA; IP   |
| <b>Stability</b>        | The thermal stability is described by the loss rate. The loss rate was determined by accelerated thermal degradation test, that is, incubate the protein at 37°C for 48h, and no obvious degradation and precipitation were observed. The loss rate is less than 5% within the expiration date under appropriate storage condition. |

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|                       |  |
|-----------------------|--|
| <b>Storage</b>        | Avoid repeated freeze/thaw cycles. Store at 2-8°C for one month. Aliquot and store at -80°C for 12 months. |
| <b>Storage buffer</b> | Supplied as liquid form in Phosphate buffered saline(PBS), pH 7.4.   |
| <b>Reconstitution</b> | Reconstitute in sterile ddH <sub>2</sub> O.  |

## GENE INFORMATION

|                        |   |
|------------------------|---|
| <b>Gene Name</b>       | Ren1 renin 1 structural [ <i>Mus musculus</i> (house mouse) ]   |
| <b>Official Symbol</b> | Ren1  |
| <b>Synonyms</b>        | Ren; Rnr; Rn-1; Ren-1; Ren-A; Ren1c; Ren1d; D19352; angiotensinogenase; aspartyl-protease; kidney renin; renin b; renin-1 |
| <b>Gene ID</b>         | 19701   |
| <b>mRNA Refseq</b>     | NM_031192.3   |
| <b>Protein Refseq</b>  | NP_112469.1   |
| <b>UniProt ID</b>      | P06281  |

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