

---

## Recombinant Mouse Renin-1 Protein

**Catalog Number:** 230-01252

**Data Sheet / Certificate of Analysis (CoA)**

Last Revised: 11/12/2024

### Source

---

<b>Species</b>	Mouse
<b>Accession Number</b>	P06281
<b>Gene Symbols</b>	Ren1
<b>Synonyms</b>	EC:3.4.23.15, Angiotensinogenase, Kidney renin.
<b>Expressed Region</b>	Ser72-Arg402

### Preparation

---

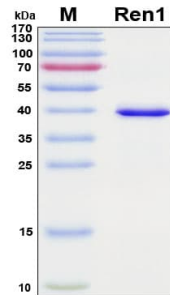
<b>Expression System</b>	E. coli
<b>Tag</b>	N-terminal His-tag
<b>Purity</b>	>90%
<b>Molecular Weight</b>	37 kDa

### Specifications

---

<b>Format</b>	Liquid
<b>Formulation</b>	Supplied as a 0.2 $\mu$ m filtered solution in 20 mM Tris-HCl (pH 7.4), 10 mM EDTA, 8 M urea.
<b>Concentration</b>	Refer to the label on the vial for the specific concentration, determined by Bio-Rad Bradford protein dye reagent concentrate.

### SDS-PAGE Image



### Shipping

The product is shipped with ice packs. Upon arrival, immediately store it at the temperature recommended below.

### Storage/Stability

- Use a manual defrost freezer and avoid repeated freeze-thaw cycles.
- Upon arrival, the liquid protein may be stored for 2 weeks at 4°C.
- For long term storage, it is recommended to store at -20°C or -80°C in appropriate aliquots.
- Generally, the shelf life is up to 6 months from the date of receipt at -20°C or -80°C under sterile conditions.