Renin

Human, recombinant, C-terminal HIS tag

Catalog #: 80200
Lot#: 120228 Conc.: 0.31 mg/ml

Formulated in: 40 mM Tris-HCl, pH 8.0, 110 mM NaCl, 2.2 mM KCl, 250 mM Imidazole, and 20% Glycerol.

Stability: >6 months at –80°C

References:

Description:
Human Activated Renin (GenBank Accession No. NM_000537), amino acids 67 – 406 (end) with C-terminal HIS tag, MW=38.6 kDa, expressed in a mammalian expression system.

Specific Activity: 255 pmol/min/µg.

Assay Conditions: Assay was performed using the Anaspec Assay kit, using 7.5 µM Renin substrate for 20 minutes at room temperature.

Application:
Useful for the study of enzyme kinetics, screening inhibitors, and selectivity profiling.

Quality Assurance

10 % SDS-PAGE
Coomassie staining

Lane 1:
4.5 µg Renin

Lane 2:
Protein Marker
BioLabs (#P7708L)

MW: 38.6 kDa
Purity: ≥91%

- 175 kDa
- 80 kDa
- 58 kDa
- 46 kDa
- 30 kDa
- 25 kDa