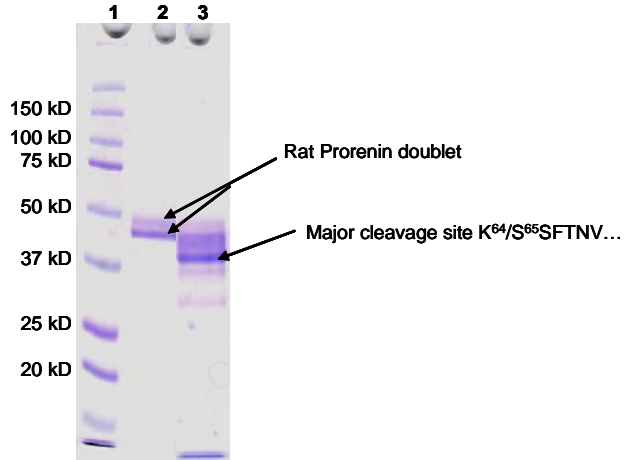


Rat Renin
Catalog Number: RR-001

Source: * Recombinant rat prorenin was expressed and purified from HEK cell media. Rat renin was then produced by tryptic activation followed by removal of trypsin.

Purity: * 12% SDS-PAGE

Lane 1 BioRad Precision Plus Protein Standards
Lane 2 undigested recombinant rat prorenin
Lane 3 trypsin activated rat renin



Activity: * Our rat renin displays activity toward the rat renin FRET substrate (5-FAM/QXL™520) (Anaspec 62334) at a rate of 140 RFU/min/ug of protein under the following assay conditions:

96-well plate assay
Temperature = 37°C
[FRET sub] = 2.6uM
Assay buffer, 25mM NaPhosphate, 100 mM NaCl pH 6.5
350 ng of enzyme
SpectraMax Gemini Fluorescent Plate Reader

Formulation: * Rat renin is shipped in 50mM Tris-HCl pH 8.0 at a concentration of approximately 1 mg/ml.

Storage: *Store samples at -20°C. **Avoid freeze thaw cycles.**

Rat Renin Pricing
RR-001

Quantity	Price
100 µg	\$600
250 µg	\$1,200
1 mg	\$4,000
2-5 mg	\$3,500/mg
6-10 mg	\$ 3,000/mg