

# Human REN Recombinant Protein



RPPB4440

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## Product Information    Protein Information

**Product SKU:**

RPPB4440

**Accession:**

P00797

**Host:**

Escherichia Coli.

**Protein description:**

REN Human Recombinant produced in E. coli is a single polypeptide chain containing 365 amino acids (67-406) and having a molecular mass of 39.9kDa. REN is fused to a 25 amino acid His-tag at N-terminus & purified by proprietary chromatographic techniques.

**Appearance:**

Sterile Filtered clear solution.

**Synonyms:**

Renin, Angiotensinogenase, EC 3.4.23.15, HNFJ2, Angiotensin-Forming Enzyme, Renin Precursor Renal, EC 3.4.23.

**Formulation:**

The REN solution (1mg/ml) contains 20mM Tris-HCl buffer (pH 8.0), 0.4M urea and 10% glycerol.

**Purity:**

Greater than 80% as determined by SDS-PAGE.

**Stability:**

Store at 4°C if entire vial will be used within 2-4 weeks. Store, frozen at -20°C for longer periods of time. For long term storage it is recommended to add a carrier protein (0.1% HSA or BSA). Avoid multiple freeze-thaw cycles.

**Amino Acid Sequence:**

MGSSHHHHHH SSSLVPRGSH MGSHTMLGN TTSSVILTNY MDTQYYGEIG IGTPPQTFKV VFDTGSSNWW  
VPSSKCSRLY TACVYHKLFD ASDSSSYKHN GTELTLRYST GTVSGFLSQD IITVGGITVT QMFGEVTEMP  
ALPFMLAEFD GVVGMGFIEQ AIGRVPIFD NIISQGVLEK DVFSFYNRD SENSQSLGGQ IVLGGSDPQH  
YEGNFHYINL IKTGVWQIQM KGVSVGSSTL LCEGCLALV DTGASYISGS TSSIEKLMEA LGAKKRLFDY  
VVKCNEGPTL PDISFHLGGK EYTLTSADYV FQESYSSKCL CTLAIHAMD I PPPTGPTWAL GATFIRKFYT  
EFDRRNNRIG FALAR.