

# Mouse REN Recombinant Protein



RPPB4441

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## Product Information    Protein Information

**Product SKU:**

RPPB4441

**Accession:**

P06281

**Host:**

Sf9, Baculovirus cells.

**Protein description:**

REN produced in Sf9 Baculovirus cells is a single, glycosylated polypeptide chain containing 387 amino acids (22-402 a.a.) and having a molecular mass of 42.5kDa (Migrates at 40-57kDa on SDS-PAGE under reducing conditions).REN is expressed with a 6 amino acid His tag at C-Terminus and purified by proprietary chromatographic techniques.

**Appearance:**

Sterile Filtered colorless solution.

**Synonyms:**

Renin-1, Angiotensinogenase, Kidney renin, Ren1, Ren, Ren-A, Ren1c, Ren1d, Rn-1, Rnr.

**Formulation:**

REN protein solution (0.25mg/ml) contains Phosphate Buffered Saline (pH 7.4) and 10% glycerol.

**Purity:**

Greater than 95.0% 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:**

LPTRTATFER IPLKKMPSVR EILEERGVDM TRLSAEWGVF TKRPSLTNLT SPVVLNLYLN TQYYGEIGIG  
TPPQTFKVIF DTGSANLWVP STKCSRLYLA CGIHSLYESS DSSSYMENG S DFTIHYGSGR VKGFLSQDSV  
TVGGITVTQT FGEVTEPLI PFMLAKFDGV LGMGFPAQAV GGVTPVFDHI LSQGVLKEEV FSVYYNRGSH  
LLGGEVVLGG SDPQHYQGNF HYVSISKTDS WQITMKGVSV GSSTLLCEEG CAVVVDTGSS FISAPTSSLK  
LIMQALGAKE KRIEYVNC SQVPTLPDIS FDLGGRAYTL SSTDYVLQYP NRRDKLCTLA LHAMDIPPT  
GPVWVLGATF IRKFYTEFDR HNNRIGFALA RHHHHHH.