

RPA889Ca01 100µg

Recombinant Renin (REN)

Organism Species: *Canis familiaris*; Canine (Dog)

Instruction manual

FOR RESEARCH USE ONLY

NOT FOR USE IN CLINICAL DIAGNOSTIC PROCEDURES

12th Edition (Revised in Aug, 2016)

[PROPERTIES]

Source: Prokaryotic expression

Host: *E.coli*

Residues: Leu66~Arg403

Tags: N-terminal His and GST Tag

Subcellular Location: Membrane, Secreted

Purity: > 97%

Traits: Freeze-dried powder

Buffer formulation: 20mM Tris, 150mM NaCl, pH8.0, containing 0.01% SKL, 5% Trehalose.

Original Concentration: 200µg/mL

Applications: Positive Control; Immunogen; SDS-PAGE; WB.

(May be suitable for use in other assays to be determined by the end user.)

Predicted isoelectric point: 4.9

Predicted Molecular Mass: 66.7kDa

Accurate Molecular Mass: 67kDa as determined by SDS-PAGE reducing conditions.

[USAGE]

Reconstitute in 20mM Tris, 150mM NaCl (pH8.0) to a concentration of 0.1-1.0 mg/mL. Do not vortex.

[STORAGE AND STABILITY]

Storage: Avoid repeated freeze/thaw cycles.

Store at 2-8°C for one month.

Aliquot and store at -80°C for 12 months.

Stability Test: The thermal stability is described by the loss rate. The loss rate was determined by accelerated thermal degradation test, that is, incubate the protein at 37°C for 48h, and no obvious degradation and precipitation were observed. The loss rate is less than 5% within the expiration date under appropriate storage condition.

[SEQUENCE]

LSSGN STSPVVLTY LDTQYYGEIG IGTPPQTFKV
VFDTGSANLW VPSTRCSPLY TACEIHCLYD SSESSSYMEN GTTFTIRYGS
GKVKGFLSQD MVTVGGITVT QTFGEVTELP LIPFMLAKFD GVLGMGFPAQ
AVGGVTPVFD HILSQGVLKE EVFSVYYSRN SHLLGGEVVL GGSDPQYYQG
NFHYVSISKT GSWQIKMKGV SVRSATLVCE EGCMMVVDTG ASYISGPTSS
LRLMLDTLGA QELSTNEYVV NCNQVPTLPD ISFHLGGRAY TLTSKDYVLQ
DPYGNEDLCT LALHGLDVPP PTGPPVWVLA SFIRKFYTEF DRHNNRIGFA
LAR

[IDENTIFICATION]



Figure. SDS-PAGE

[IMPORTANT NOTE]

The kit is designed for research use only, we will not be responsible for any issue if the kit was used in clinical diagnostic or any other procedures.