

本公司提供的电子版本说明书仅供参考，实验请以收到的纸质手册为准。

REN, 24-406aa, Human, His tag, Baculovirus

产品货号: TP03711

第三版

别名: Renin, REN, HNFJ2, Angiotensin forming enzyme, Angiotensin forming enzyme precursor, Angiotensinogenase, Angiotensinogenase precursor, FLJ10761, HNFJ2, REN, Ren1, RENI_HUMAN, Renin, Renin precursor renal.

描述: REN, also known as renin, is a member of the peptidase A1 family. It is synthesized by the juxtaglomerular cells of the kidney in response to decreased blood pressure and sodium concentration. It is a highly specific endopeptidase, whose only known function is to generate angiotensin I from angiotensinogen in the plasma, initiating a cascade of reactions that produce an elevation of blood pressure and increased sodium retention by the kidney. Recombinant human REN, fused to His-tag at C-terminus, was expressed in insect cell and purified by using conventional chromatography techniques

配方: Liquid. In Phosphate Buffered Saline (pH 7.4) containing 10% glycerol.

分子量: 43.3kDa (391aa), 40-57kDa (SDS-PAGE under reducing conditions)

序列:

LPTDTTTFKRIFLKRMPISRESLKERGVDMARLGPEWSQPMKRLTLGNTTSSVILTNYMDTQYYGEIGIGTPPQTFKVVFD
GSSNVWVPSKCSRLYTACVYHKLFDASDSSSYKHNGTELTLRYSTGTVSGFLSQDIITVGGITVTQMFGEVTEMPALPFML
AEFDG VVG MGFIEQAIGRVTPIFDNIISQGV LKEDVFSFYNNRDSSENSQSLGGQIVLGGSDPQHYEGNFHYINLIKTVWQI
QMKGVS VGSSTLLCEDGCLALVDTGASYISGSTSSIEKLMEALGAKKRLFDYVVKCNEGPTLPDISFHLGGKEYTLTSADYV
FQESYSSKKLCTLAIHAMDIPPPTGPTWALGATFIRKFYTEFDRRNNRIGFALARLEHHHHHH

纯度: > 95% by HPLC

浓度: 0.25mg/ml (determined by Absorbance at 280nm)

内毒素: <1.0 EU per 1 ug of protein (determined by LAL method)

存储: +4 ° C 保存 (1-2 周). 长期保存在 -20 ° C 或者 -70 ° C. 避免反复冻融.