

## Renin Human Recombinant, sf9

<b>Item Number</b>	rAP-4655
<b>Synonyms</b>	REN, HNFJ2, Renin, Angiotensinogenase.
<b>Description</b>	REN Human Recombinant produced in Sf9 Baculovirus cells is a single, glycosylated polypeptide chain containing 391 amino acids (24-406) and having a molecular mass of 43.3kDa (Molecular size on SDS-PAGE will appear at approximately 40-57kDa).REN is fused to 8 amino acid His-Tag at C-terminus and
<b>Uniprot Accession Number</b>	P00797
<b>Amino Acid Sequence</b>	LPTDTTTFKR IFLKRMPISIR ESLKERGVDM ARLGPEWSQP MKRLTLGNTT SSVILTNYMD TQYYGEIGIG TPPQTFKVVV DTGSSNVVWP SSKCSRLYTA CVYHKLFDAS DSSSYKHNGT ELTLRYSTGT VSGFLSQDII TVGGITVTQM FGEVTEMPAL PFMLAEFDGV VGMGFIEQAI GRVTPIFDNI ISQGVLKEDV FSFYNRDSE NSQLGGQIV LGGSDPQHYE GNFHYINLIK TGVWQIQMKG VSVGSTLLC EDGCLALVDT GASYSISGSTS SIEKLMEALG AKKRLFDYVYV KCNEGPTLPD ISFHLGGKEY TLTSADYVFQ ESYSSKKLCT LAIHAMDIPP PTGPTWALGA TFIRKFYTEF DRRNNRIGFA LARLEHHHHH H.
<b>Source</b>	Sf9, Baculovirus cells.
<b>Physical Appearance and Stability</b>	Sterile Filtered clear solution. 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.
<b>Formulation and Purity</b>	REN protein solution (0.25mg/ml) containing Phosphate Buffered Saline (pH 7.4) and 10% glycerol. Greater than 90.0% as determined by analysis by SDS-PAGE.
<b>Application</b>	
<b>Solubility</b>	
<b>Biological Activity</b>	
<b>Shipping Format and Condition</b>	Lyophilized powder at room temperature.

Optimal dilutions should be determined by each laboratory for each application. The listed dilutions are for recommendation only and the final conditions should be optimized by the ender users! This product is sold for **Research Use Only**