ANGIO-PROTEOMIE
HIGH QUALITY REAGENTS FOR LIFE SCIENCES

DATA SHEET

Renin Mouse Recombinant

Item Number	rAP-4654
Synonyms	Renin-1, Angiotensinogenase, Kidney renin, Ren1, Ren, Ren-A, Ren1c, Ren1d, Rn-1, Rnr.
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
Uniprot Accesion Number	P06281
Amino Acid Sequence	LPTRTATFER IPLKKMPSVR EILEERGVDM TRLSAEWGVF TKRPSLTNLT SPVVLTNYLN TQYYGEIGIG TPPQTFKVIF DTGSANLWVP STKCSRLYLA CGIHSLYESS DSSSYMENGS DFTIHYGSGR VKGFLSQDSV TVGGITVTQT FGEVTELPLI PFMLAKFDGV LGMGFPAQAV GGVTPVFDHI LSQGVLKEEV FSVYYNRGSH LLGGEVVLGG SDPQHYQGNF HYVSISKTDS WQITMKGVSV GSSTLL-CEEG
Source	Sf9, Baculovirus cells.
Physical Appearance and Stability	Sterile Filtered colorless 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.
Formulation and Purity	REN protein solution (0.25mg/ml) contains Phosphate Buffered Saline (pH 7.4) and 10% glycerol. Greater than 95.0% as determined by SDS-PAGE.
Application	
Solubility	
Biological Activity	
Shipping Format and Condition	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