

Recombinant Mouse Ren1 Protein, Myc/DDK-tagged

Cat. No. Ren1-5461M **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Purified recombinant protein of mouse full-length renin 1 structural (Ren1), with C-terminal MYC/DDK tag, expressed in HEK293T cells.
Species	Mouse
Source	HEK293
Description	Renin 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.
Molecular Mass	44.3 kDa
Purity	> 80% as determined by SDS-PAGE and Coomassie blue staining
Stability	Stable for 12 months from the date of receipt of the product under proper storage and handling conditions. Avoid repeated freeze-thaw cycles.
Storage	Store at -80 centigrade after receiving vials.
Concentration	>50 µg/mL as determined by microplate BCA method
Storage Buffer	25 mM Tris.HCl, pH 7.3, 100 mM glycine, 10% glycerol.

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GENE INFORMATION

Gene Name	Ren1 renin 1 structural [Mus musculus (house mouse)]
Official Symbol	Ren1
Synonyms	REN1; renin 1 structural; renin-1; renin b; kidney renin; aspartyl-protease; angiotensinogenase; Ren; Rnr; Rn-1; Ren-1; Ren-A; Ren1c; Ren1d; D19352
Gene ID	19701
mRNA Refseq	NM_031192
Protein Refseq	NP_112469
UniProt ID	P06281

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