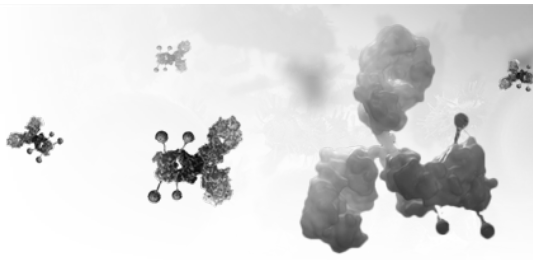

# Mouse Renin 1 Structural [His] (DAG365)

This product is for research use only and is not intended for diagnostic use.

## PRODUCT INFORMATION

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|---|---|
| **Product Overview** | RecombinantMouse Renin 1 Structural which is resistant to activation by trypsindigestion contains a 8X-Histidine tag at C-terminus and 380 amino acids + 8histidine residues, its molecular weight is 41,711Da less glycosylation, wasexpressed in HEK cells. |
| **Antigen Description** | Renincatalyzes the first step in the activation pathway of angiotensinogen--acascade that can result in aldosterone release, vasoconstriction, andincrease in blood pressure. Renin, an aspartyl protease, cleavesangiotensinogen to form angiotensin I, which is converted to angiotensin IIby angiotensin I converting enzyme, an important regulator of blood pressure andelectrolyte balance. Transcript variants that encode different proteinisoforms and that arise from alternative splicing and the use of alternativepromoters have been described, but their full-length nature has not beendetermined. Mutations in this gene have been shown to cause familialhyperproreninemia. |
| **Species** | Mouse |
| **Conjugate** | His |
| **Applications** | Specificmethodologies have not been tested using this product. |
| **Format** | Purified, Liquid |
| **Concentration** | 1.7 mg/ml (OD280nm, E0.1%= 1.10) |
| **Buffer** | 50mMTris, pH 8.0 |
| **Preservative** | None |
| **Storage** | 2-8°C short term, -20°C long term |

## BACKGROUND

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|---|---|
| **Introduction** | View Renin IHC images. |
| **Keywords** | REN1; renin 1 structural; Ren; Rnr; Rn-1; Ren-1; Ren-A; Ren1c; Ren1d; D19352; renin-1; renin b; kidney renin; aspartyl-protease; angiotensinogenase; |

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