

Product datasheet for **AR51979PU-S**

Renin-1 (22-402, His-tag) Mouse Protein

Product data:

Product Type:	Recombinant Proteins
Description:	Renin-1 (22-402, His-tag) mouse protein, 20 µg
Species:	Mouse
Expression Host:	Insect
Expression cDNA Clone or AA Sequence:	LPTRTATFER IPLKKMPSVR EILEERGVDL TRLSAEWGVF TKRPSLTNLT SPVVLNTNYLN TQYYGEIGIG TPPQTFKVIF DTGSANLWVP STKCSRLYLA CGIHSLYESS DSSSYMENG S DFTIHYGSGR VKGFLSQDSV TVGGITVTQT FGEVTEPLI PFMLAKFDGV LGMGFPAQAV GGVPVFDHI LSQGV LKEEV FSVYYNRGSH LLGGEVVLGG SDPQHYQGNF HYVSISKTDS WQITMKGVS GSSTLLCEEG CAVVDTGSS FISAPTSSLK LIMQALGAKE KRIEYVWNC SQVPTLPDIS FDLGGRAYTL SSTDYVLQYP NRRDKLCTLA LHAMDIPPT GPVWVLGATF IRKFYTEFDR HNNRIGFALA RHHHHHH
Tag:	His-tag
Predicted MW:	42.5 kDa
Concentration:	lot specific
Purity:	>95% by SDS - PAGE
Buffer:	Presentation State: Purified State: Liquid purified protein Buffer System: Phosphate Buffered Saline (pH 7.4) containing 10% glycerol.
Endotoxin:	< 1.0 EU per 1 microgram of protein (determined by LAL method)
Preparation:	Liquid purified protein
Storage:	Store undiluted at 2-8°C for one week or (in aliquots) at -20°C to -80°C for longer. Avoid repeated freezing and thawing.
Stability:	Shelf life: one year from despatch.
RefSeq:	NP_112469
Locus ID:	19701
UniProt ID:	P06281
Cytogenetics:	1 57.91 cM
Synonyms:	D19352; Ren; Ren-1; Ren-A; Ren1c; Ren1d; Rn-1; Rnr



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Summary:

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. [UniProtKB/Swiss-Prot Function]

Product images: