

Product datasheet for **KN200082RB**

Ribonuclease Inhibitor (RNH1) Human Gene Knockout Kit (CRISPR)

Product data:

Product Type:	Knockout Kits (CRISPR)
Format:	2 gRNA vectors, 1 RFP-BSD donor, 1 scramble control
Donor DNA:	RFP-BSD
Symbol:	Ribonuclease Inhibitor
Locus ID:	6050
Components:	KN200082G1 , Ribonuclease Inhibitor gRNA vector 1 in pCas-Guide CRISPR vector (GE100002) KN200082G2 , Ribonuclease Inhibitor gRNA vector 2 in pCas-Guide CRISPR vector (GE100002) KN200082RBD , donor DNA containing left and right homologous arms and RFP-BSD functional cassette. GE100003 , scramble sequence in pCas-Guide vector
RefSeq:	NM_002939 , NM_203383 , NM_203384 , NM_203385 , NM_203386 , NM_203387 , NM_203388 , NM_203389
UniProt ID:	P13489
Synonyms:	RAI; RNH
Summary:	Placental ribonuclease inhibitor (PRI) is a member of a family of proteinaceous cytoplasmic RNase inhibitors that occur in many tissues and bind to both intracellular and extracellular RNases (summarized by Lee et al., 1988 [PubMed 3219362]). In addition to control of intracellular RNases, the inhibitor may have a role in the regulation of angiogenin (MIM 105850). Ribonuclease inhibitor, of 50,000 Da, binds to ribonucleases and holds them in a latent form. Since neutral and alkaline ribonucleases probably play a critical role in the turnover of RNA in eukaryotic cells, RNH may be essential for control of mRNA turnover; the interaction of eukaryotic cells with ribonuclease may be reversible in vivo.[supplied by OMIM, Jul 2010]



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Product images:

