

Product datasheet for **KN204874RB**

RSK1 p90 (RPS6KA1) 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:	RSK1 p90
Locus ID:	6195
Components:	KN204874G1 , RSK1 p90 gRNA vector 1 in pCas-Guide CRISPR vector (GE100002) KN204874G2 , RSK1 p90 gRNA vector 2 in pCas-Guide CRISPR vector (GE100002) KN204874RBD , donor DNA containing left and right homologous arms and RFP-BSD functional cassette. GE100003 , scramble sequence in pCas-Guide vector

Disclaimer: These products are manufactured and supplied by OriGene under license from ERS. The kit is designed based on the best knowledge of CRISPR technology. The system has been functionally validated for knocking-in the cassette downstream the native promoter. The efficiency of the knock-out varies due to the nature of the biology and the complexity of the experimental process.

RefSeq: [NM_001006665](#), [NM_002953](#), [NM_001330441](#)

UniProt ID: [Q15418](#)

Synonyms: HU-1; MAPKAPK1A; p90Rsk; RSK; RSK1

Summary: This gene encodes a member of the RSK (ribosomal S6 kinase) family of serine/threonine kinases. This kinase contains 2 nonidentical kinase catalytic domains and phosphorylates various substrates, including members of the mitogen-activated kinase (MAPK) signalling pathway. The activity of this protein has been implicated in controlling cell growth and differentiation. Alternate transcriptional splice variants, encoding different isoforms, have been characterized. [provided by RefSeq, Jul 2008]



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Product images:

