

## 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:	<b>KN204874G1</b> , RSK1 p90 gRNA vector 1 in pCas-Guide CRISPR vector (GE100002) <b>KN204874G2</b> , RSK1 p90 gRNA vector 2 in pCas-Guide CRISPR vector (GE100002) <b>KN204874RBD</b> , donor DNA containing left and right homologous arms and RFP-BSD functional cassette. <b>GE100003</b> , scramble sequence in pCas-Guide vector
RefSeq:	<a href="#">NM_001006665</a> , <a href="#">NM_002953</a> , <a href="#">NM_001330441</a>
UniProt ID:	<a href="#">Q15418</a>
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:

