

Product datasheet for **KN208711RB**

RAC1 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:	RAC1
Locus ID:	5879
Components:	<p>KN208711G1, RAC1 gRNA vector 1 in pCas-Guide CRISPR vector (GE100002)</p> <p>KN208711G2, RAC1 gRNA vector 2 in pCas-Guide CRISPR vector (GE100002)</p> <p>KN208711RBD, donor DNA containing left and right homologous arms and RFP-BSD functional cassette.</p> <p>GE100003, scramble sequence in pCas-Guide vector</p>
Disclaimer:	<p>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.</p>
RefSeq:	NM_006908 , NM_018890 , NM_198829
UniProt ID:	P63000
Synonyms:	MIG5; p21-Rac1; Rac-1; TC-25
Summary:	<p>The protein encoded by this gene is a GTPase which belongs to the RAS superfamily of small GTP-binding proteins. Members of this superfamily appear to regulate a diverse array of cellular events, including the control of cell growth, cytoskeletal reorganization, and the activation of protein kinases. Two transcript variants encoding different isoforms have been found for this gene. [provided by RefSeq, Mar 2009]</p>



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Product images:

