

Product datasheet for **KN308286RB**

Il34 Mouse 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:	Il34
Locus ID:	76527
Components:	<p>KN308286G1, Il34 gRNA vector 1 in pCas-Guide CRISPR vector (GE100002)</p> <p>KN308286G2, Il34 gRNA vector 2 in pCas-Guide CRISPR vector (GE100002)</p> <p>KN308286RBD, 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_001135100 , NM_029646
UniProt ID:	Q8R1R4
Synonyms:	2010004A03Rik; AI593503
Summary:	<p>Cytokine that promotes the proliferation, survival and differentiation of monocytes and macrophages. Promotes the release of proinflammatory chemokines, and thereby plays an important role in innate immunity and in inflammatory processes. Plays an important role in the regulation of osteoclast proliferation and differentiation, and in the regulation of bone resorption. Signaling via CSF1R and its downstream effectors stimulates phosphorylation of MAPK1/ERK2 AND MAPK3/ERK1 (By similarity).[UniProtKB/Swiss-Prot Function]</p>



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Product images:

