

## Product datasheet for **KN212786RB**

### RON (MST1R) 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:	RON
Locus ID:	4486
Components:	<b>KN212786G1</b> , RON gRNA vector 1 in pCas-Guide CRISPR vector (GE100002) <b>KN212786G2</b> , RON gRNA vector 2 in pCas-Guide CRISPR vector (GE100002) <b>KN212786RBD</b> , donor DNA containing left and right homologous arms and RFP-BSD functional cassette. <b>GE100003</b> , 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:	<a href="#">NM_001244937</a> , <a href="#">NM_001318913</a> , <a href="#">NM_002447</a> , <a href="#">NR_134919</a>
UniProt ID:	<a href="#">Q04912</a>
Synonyms:	CD136; CDw136; PTK8; RON
Summary:	This gene encodes a cell surface receptor for macrophage-stimulating protein (MSP) with tyrosine kinase activity. The mature form of this protein is a heterodimer of disulfide-linked alpha and beta subunits, generated by proteolytic cleavage of a single-chain precursor. The beta subunit undergoes tyrosine phosphorylation upon stimulation by MSP. This protein is expressed on the ciliated epithelia of the mucociliary transport apparatus of the lung, and together with MSP, thought to be involved in host defense. Alternative splicing generates multiple transcript variants encoding different isoforms that may undergo similar proteolytic processing. [provided by RefSeq, Jan 2016]



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## Product images:

