

## Product datasheet for **KN209206RB**

### WNT5A 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:	WNT5A
Locus ID:	7474
Components:	<p><b>KN209206G1</b>, WNT5A gRNA vector 1 in pCas-Guide CRISPR vector (GE100002)</p> <p><b>KN209206G2</b>, WNT5A gRNA vector 2 in pCas-Guide CRISPR vector (GE100002)</p> <p><b>KN209206RBD</b>, donor DNA containing left and right homologous arms and RFP-BSD functional cassette.</p> <p><b>GE100003</b>, scramble sequence in pCas-Guide vector</p>
RefSeq:	<a href="#">NM_001256105</a> , <a href="#">NM_003392</a>
UniProt ID:	<a href="#">P41221</a>
Synonyms:	hWNT5A
Summary:	<p>The WNT gene family consists of structurally related genes which encode secreted signaling proteins. These proteins have been implicated in oncogenesis and in several developmental processes, including regulation of cell fate and patterning during embryogenesis. This gene encodes a member of the WNT family that signals through both the canonical and non-canonical WNT pathways. This protein is a ligand for the seven transmembrane receptor frizzled-5 and the tyrosine kinase orphan receptor 2. This protein plays an essential role in regulating developmental pathways during embryogenesis. This protein may also play a role in oncogenesis. Mutations in this gene are the cause of autosomal dominant Robinow syndrome. Alternate splicing results in multiple transcript variants. [provided by RefSeq, Jan 2012]</p>



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## Product images:

