

Product datasheet for **KN207691**

WNT7B Human Gene Knockout Kit (CRISPR)

Product data:

Product Type:	Knockout Kits (CRISPR)
Format:	2 gRNA vectors, 1 GFP-puro donor, 1 scramble control
Donor DNA:	GFP-puro
Symbol:	WNT7B
Locus ID:	7477
Components:	<p>KN207691G1, WNT7B gRNA vector 1 in pCas-Guide CRISPR vector (GE100002), Target Sequence: AAGCTCGGGTGAGTACCCCG</p> <p>KN207691G2, WNT7B gRNA vector 2 in pCas-Guide CRISPR vector (GE100002), Target Sequence: CAGGGGCCAAGACAGCACGA</p> <p>KN207691D, donor DNA containing left and right homologous arms and GFP-puro functional cassette.</p>

Homologous arm and GFP-puro sequences:

pUC vector backbone in gray; **Left arm sequence in blue**; **GFP-puro in green**; **Right arm in violet**

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 TTCAGCTCCG GTTCCCAACG ATC

GE100003, 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:

[NM_058238](#)

UniProt ID:

[P56706](#)

Synonyms:

wingless-type MMTV integration site family, member 7B

Summary:

This gene is a member of the WNT gene family, which consists of structurally related genes that 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. Among members of the human WNT family, this gene product is most similar to WNT7A protein. [provided by RefSeq, Oct 2008]

