

## Product datasheet for **KN216783RB**

### SCP2 (SYCP2) 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:	SCP2
Locus ID:	10388
Components:	<b>KN216783G1</b> , SCP2 gRNA vector 1 in pCas-Guide CRISPR vector (GE100002) <b>KN216783G2</b> , SCP2 gRNA vector 2 in pCas-Guide CRISPR vector (GE100002) <b>KN216783RBD</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_014258</a>
UniProt ID:	<a href="#">Q9BX26</a>
Synonyms:	SCP-2; SCP2
Summary:	The synaptonemal complex is a proteinaceous structure that links homologous chromosomes during the prophase of meiosis. The protein encoded by this gene is a major component of the synaptonemal complex and may bind DNA at scaffold attachment regions. The encoded protein requires synaptonemal complex protein 3, but not 1, for inclusion in the synaptonemal complex. [provided by RefSeq, Jul 2008]



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## Product images:

