

## Product datasheet for **KN209340BN**

### SCP3 (SYCP3) Human Gene Knockout Kit (CRISPR)

#### Product data:

Product Type:	Knockout Kits (CRISPR)
Format:	2 gRNA vectors, 1 mBFP-Neo donor, 1 scramble control
Donor DNA:	mBFP-Neo
Symbol:	SCP3
Locus ID:	50511
Components:	<p><b>KN209340G1</b>, SCP3 gRNA vector 1 in pCas-Guide CRISPR vector (GE100002)</p> <p><b>KN209340G2</b>, SCP3 gRNA vector 2 in pCas-Guide CRISPR vector (GE100002)</p> <p><b>KN209340BND</b>, donor DNA containing left and right homologous arms and mBFP-Neo functional cassette.</p> <p><b>GE100003</b>, scramble sequence in pCas-Guide vector</p>
RefSeq:	<a href="#">NM_001177948</a> , <a href="#">NM_001177949</a> , <a href="#">NM_153694</a>
UniProt ID:	<a href="#">Q8IZU3</a>
Synonyms:	COR1; SCP3; SPGF4
Summary:	<p>This gene encodes an essential structural component of the synaptonemal complex. This complex is involved in synapsis, recombination and segregation of meiotic chromosomes. Mutations in this gene are associated with azoospermia in males and susceptibility to pregnancy loss in females. Alternate splicing results in multiple transcript variants that encode the same protein. [provided by RefSeq, May 2010]</p>



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## Product images:

