

## Product datasheet for **KN209840BN**

### p57 Kip2 (CDKN1C) 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:	p57 Kip2
Locus ID:	1028
Components:	<p><b>KN209840G1</b>, p57 Kip2 gRNA vector 1 in pCas-Guide CRISPR vector (GE100002)</p> <p><b>KN209840G2</b>, p57 Kip2 gRNA vector 2 in pCas-Guide CRISPR vector (GE100002)</p> <p><b>KN209840BND</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_000076</a> , <a href="#">NM_001122630</a> , <a href="#">NM_001122631</a> , <a href="#">NM_001362474</a> , <a href="#">NM_001362475</a>
UniProt ID:	<a href="#">P49918</a>
Synonyms:	BWCR; BWS; KIP2; p57; p57Kip2; WBS
Summary:	<p>This gene is imprinted, with preferential expression of the maternal allele. The encoded protein is a tight-binding, strong inhibitor of several G1 cyclin/Cdk complexes and a negative regulator of cell proliferation. Mutations in this gene are implicated in sporadic cancers and Beckwith-Wiedemann syndrome, suggesting that this gene is a tumor suppressor candidate. Three transcript variants encoding two different isoforms have been found for this gene. [provided by RefSeq, Oct 2010]</p>



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## Product images:

