

## Product datasheet for **KN200469BN**

### GRB2 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:	GRB2
Locus ID:	2885
Components:	<p><b>KN200469G1</b>, GRB2 gRNA vector 1 in pCas-Guide CRISPR vector (GE100002)</p> <p><b>KN200469G2</b>, GRB2 gRNA vector 2 in pCas-Guide CRISPR vector (GE100002)</p> <p><b>KN200469BND</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_002086</a> , <a href="#">NM_203506</a>
UniProt ID:	<a href="#">P62993</a>
Synonyms:	ASH; EGFRBP-GRB2; Grb3-3; MST084; MSTP084; NCKAP2
Summary:	The protein encoded by this gene binds the epidermal growth factor receptor and contains one SH2 domain and two SH3 domains. Its two SH3 domains direct complex formation with proline-rich regions of other proteins, and its SH2 domain binds tyrosine phosphorylated sequences. This gene is similar to the Sem5 gene of C.elegans, which is involved in the signal transduction pathway. Two alternatively spliced transcript variants encoding different isoforms have been found for this gene. [provided by RefSeq, Jul 2008]



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## Product images:

