

## Product datasheet for **KN207627RB**

### XIAP 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:	XIAP
Locus ID:	331
Components:	<p><b>KN207627G1</b>, XIAP gRNA vector 1 in pCas-Guide CRISPR vector (GE100002)</p> <p><b>KN207627G2</b>, XIAP gRNA vector 2 in pCas-Guide CRISPR vector (GE100002)</p> <p><b>KN207627RBD</b>, donor DNA containing left and right homologous arms and RFP-BSD functional cassette.</p> <p><b>GE100003</b>, scramble sequence in pCas-Guide vector</p>
RefSeq:	<a href="#">NM_001167</a> , <a href="#">NM_001204401</a> , <a href="#">NR_037916</a>
UniProt ID:	<a href="#">P98170</a>
Synonyms:	API3; BIRC4; hIAP-3; hIAP3; IAP-3; ILP1; MIHA; XLP2
Summary:	<p>This gene encodes a protein that belongs to a family of apoptotic suppressor proteins. Members of this family share a conserved motif termed, baculovirus IAP repeat, which is necessary for their anti-apoptotic function. This protein functions through binding to tumor necrosis factor receptor-associated factors TRAF1 and TRAF2 and inhibits apoptosis induced by menadione, a potent inducer of free radicals, and interleukin 1-beta converting enzyme. This protein also inhibits at least two members of the caspase family of cell-death proteases, caspase-3 and caspase-7. Mutations in this gene are the cause of X-linked lymphoproliferative syndrome. Alternate splicing results in multiple transcript variants. Pseudogenes of this gene are found on chromosomes 2 and 11.[provided by RefSeq, Feb 2011]</p>



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## Product images:

