

## Product datasheet for **KN207917RB**

### Tripeptidyl peptidase II (TPP2) 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:	Tripeptidyl peptidase II
Locus ID:	7174
Components:	<b>KN207917G1</b> , Tripeptidyl peptidase II gRNA vector 1 in pCas-Guide CRISPR vector (GE100002) <b>KN207917G2</b> , Tripeptidyl peptidase II gRNA vector 2 in pCas-Guide CRISPR vector (GE100002) <b>KN207917RBD</b> , donor DNA containing left and right homologous arms and RFP-BSD functional cassette. <b>GE100003</b> , scramble sequence in pCas-Guide vector
RefSeq:	<a href="#">NM_003291</a> , <a href="#">NM_001330588</a> , <a href="#">N27441</a> , <a href="#">NR_160411</a> , <a href="#">NM_001367947</a>
UniProt ID:	<a href="#">P29144</a>
Synonyms:	TPP-2
Summary:	This gene encodes a mammalian peptidase that, at neutral pH, removes tripeptides from the N terminus of longer peptides. The protein has a specialized function that is essential for some MHC class I antigen presentation. The protein is a high molecular mass serine exopeptidase; the amino acid sequence surrounding the serine residue at the active site is similar to the peptidases of the subtilisin class rather than the trypsin class. [provided by RefSeq, Jul 2008]



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## Product images:

