

## Product datasheet for **KN204142BN**

### PRAME 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:	PRAME
Locus ID:	23532
Components:	<b>KN204142G1</b> , PRAME gRNA vector 1 in pCas-Guide CRISPR vector (GE100002) <b>KN204142G2</b> , PRAME gRNA vector 2 in pCas-Guide CRISPR vector (GE100002) <b>KN204142BND</b> , donor DNA containing left and right homologous arms and mBFP-Neo functional cassette. <b>GE100003</b> , scramble sequence in pCas-Guide vector
Disclaimer:	These products are manufactured and supplied by OriGene under license from ERS. The kit is designed based on the best knowledge of CRISPR technology. The system has been functionally validated for knocking-in the cassette downstream the native promoter. The efficiency of the knock-out varies due to the nature of the biology and the complexity of the experimental process.
RefSeq:	<a href="#">NM_001291715</a> , <a href="#">NM_001291716</a> , <a href="#">NM_001291717</a> , <a href="#">NM_001291719</a> , <a href="#">NM_001318126</a> , <a href="#">NM_001318127</a> , <a href="#">NM_006115</a> , <a href="#">NM_206953</a> , <a href="#">NM_206954</a> , <a href="#">NM_206955</a> , <a href="#">NM_206956</a>
UniProt ID:	<a href="#">P78395</a>
Synonyms:	CT130; MAPE; OIP-4; OIP4
Summary:	This gene encodes an antigen that is preferentially expressed in human melanomas and that is recognized by cytolytic T lymphocytes. It is not expressed in normal tissues, except testis. The encoded protein acts as a repressor of retinoic acid receptor, and likely confers a growth advantage to cancer cells via this function. Alternative splicing results in multiple transcript variants. [provided by RefSeq, Apr 2014]



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Product images:

