

## Product datasheet for **KN212708BN**

### Matriptase 2 (TMPRSS6) 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:	Matriptase 2
Locus ID:	164656
Components:	<b>KN212708G1</b> , Matriptase 2 gRNA vector 1 in pCas-Guide CRISPR vector (GE100002) <b>KN212708G2</b> , Matriptase 2 gRNA vector 2 in pCas-Guide CRISPR vector (GE100002) <b>KN212708BND</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_001289000</a> , <a href="#">NM_001289001</a> , <a href="#">NM_153019</a> , <a href="#">NM_153609</a>
UniProt ID:	<a href="#">Q8IU80</a>
Synonyms:	IRIDA
Summary:	The protein encoded by this gene is a type II transmembrane serine proteinase that is found attached to the cell surface. The encoded protein may be involved in matrix remodeling processes in the liver. Alternative splicing results in multiple transcript variants. [provided by RefSeq, Jan 2014]



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Product images:

