

## Product datasheet for **KN203484BN**

### 5T4 (TPBG) 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:	5T4
Locus ID:	7162
Components:	<b>KN203484G1</b> , 5T4 gRNA vector 1 in pCas-Guide CRISPR vector (GE100002) <b>KN203484G2</b> , 5T4 gRNA vector 2 in pCas-Guide CRISPR vector (GE100002) <b>KN203484BND</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_001166392</a> , <a href="#">NM_006670</a>
UniProt ID:	<a href="#">Q13641</a>
Synonyms:	5T4; 5T4AG; M6P1; WAIF1
Summary:	This gene encodes a leucine-rich transmembrane glycoprotein that may be involved in cell adhesion. The encoded protein is an oncofetal antigen that is specific to trophoblast cells. In adults this protein is highly expressed in many tumor cells and is associated with poor clinical outcome in numerous cancers. Alternate splicing in the 5' UTR results in multiple transcript variants that encode the same protein. [provided by RefSeq, Oct 2009]



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## Product images:

