

Product datasheet for KN203484LP

OriGene Technologies, Inc. 9620 Medical Center Drive, Ste 200

Rockville, MD 20850, US
Phone: +1-888-267-4436
https://www.origene.com
techsupport@origene.com
EU: info-de@origene.com
CN: techsupport@origene.cn

5T4 (TPBG) Human Gene Knockout Kit (CRISPR)

Product data:

Product Type: Knockout Kits (CRISPR)

Format: 2 gRNA vectors, 1 Luciferase-Puro donor, 1 scramble control

Donor DNA: Luciferase-Puro

 Symbol:
 5T4

 Locus ID:
 7162

Components: KN203484G1, 5T4 gRNA vector 1 in pCas-Guide CRISPR vector (GE100002)

KN203484G2, 5T4 gRNA vector 2 in pCas-Guide CRISPR vector (GE100002)

KN203484LPD, donor DNA containing left and right homologous arms and Luciferase-Puro

functional cassette.

GE100003, scramble sequence in pCas-Guide vector

RefSeq: <u>NM 001166392</u>, <u>NM 006670</u>

UniProt ID: Q13641

Synonyms: 5T4; 5T4AG; M6P1; WAIF1

Summary: This gene encodes a leucine-rich transmembrane glycoprotein that may be involved in cell

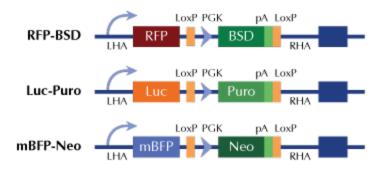
adhesion. The encoded protein is an oncofetal antigen that is specific to trophoblast cells. In adults this protein is highly expressed in many tumor cells and is associated with poor clinical outcome in numerous cancers. Alternate splicing in the 5' UTR results in multiple transcript

variants that encode the same protein. [provided by RefSeq, Oct 2009]



Product images:

Donor Vector Edited Chromosome



RFP, Luc, and mBFP will be under native gene promoter