

Product datasheet for KN213185RB

FOXO4 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: FOXO4 Symbol: Locus ID: 4303

KN213185G1, FOXO4 gRNA vector 1 in pCas-Guide CRISPR vector (GE100002) Components:

KN213185G2, FOXO4 gRNA vector 2 in pCas-Guide CRISPR vector (GE100002)

KN213185RBD, donor DNA containing left and right homologous arms and RFP-BSD

functional cassette.

GE100003, scramble sequence in pCas-Guide vector

NM 001170931, NM 005938 RefSeq:

UniProt ID: P98177

Synonyms: AFX; AFX1; MLLT7

Summary: This gene encodes a member of the O class of winged helix/forkhead transcription factor

> family. Proteins encoded by this class are regulated by factors involved in growth and differentiation indicating they play a role in these processes. A translocation involving this gene on chromosome X and the homolog of the Drosophila trithorax gene, encoding a DNA binding protein, located on chromosome 11 is associated with leukemia. Multiple transcript variants encoding different isoforms have been found for this gene. [provided by RefSeq, Jan

2010]



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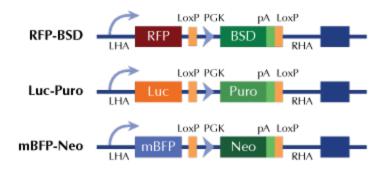
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Product images:

Donor Vector Edited Chromosome



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