

Product datasheet for KN218138BN

CPSF6 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

CPSF6 Symbol: Locus ID: 11052

KN218138G1, CPSF6 gRNA vector 1 in pCas-Guide CRISPR vector (GE100002) Components:

KN218138G2, CPSF6 gRNA vector 2 in pCas-Guide CRISPR vector (GE100002)

KN218138BND, donor DNA containing left and right homologous arms and mBFP-Neo

functional cassette.

GE100003, 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: NM 001300947, NM 007007

UniProt ID: 016630

Synonyms: CFIM; CFIM68; HPBRII-4; HPBRII-7

Summary: The protein encoded by this gene is one subunit of a cleavage factor required for 3' RNA

> cleavage and polyadenylation processing. The interaction of the protein with the RNA is one of the earliest steps in the assembly of the 3' end processing complex and facilitates the recruitment of other processing factors. The cleavage factor complex is composed of four polypeptides. This gene encodes the 68kD subunit. It has a domain organization reminiscent

of spliceosomal proteins. [provided by RefSeq, Jul 2008]



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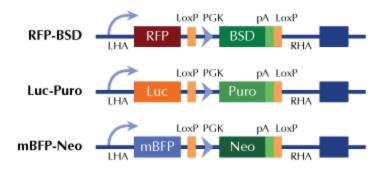
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Product images:

Donor Vector Edited Chromosome



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