

HK-2xZFN-mEGFP-Nup107 | 300676

Product information

Description

HK-2xZFN-mEGFP-Nup107 is a ZFN library targeting the NUP107 gene in HeLa Kyoto cells. The library consists of two ZFNs flanking a mEGFP-Nup107 donor template. The ZFNs are designed to create a double-strand break in the NUP107 gene, which is then repaired using the mEGFP-Nup107 donor template. The resulting cells express a functional mEGFP-Nup107 protein. The NUP107 gene is located on chromosome 17p11.2 and is involved in the nuclear pore complex (NPC) and cell cycle regulation. The mEGFP-Nup107 protein is a nuclear pore complex (NPC) component and is involved in the regulation of cell cycle progression.

Organism HeLa

Tissue HeLa

Disease NUP107-AS1

Subject information

Age 30 years

Gender Male

Ethnicity European

Morphology Male

Growth properties HeLa

Library information

Citation HK-2xZFN-mEGFP-Nup107 (Cytion 300676)

Biosafety level 1

NCBI_TaxID 9606

CellosaurusAccession CVCL_VL12

Depositor Cytion (EMBL)

