

Product datasheet for **KN203393BN**

XLF (NHEJ1) 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: XLF

Locus ID: 79840

Components: **KN203393G1**, XLF gRNA vector 1 in pCas-Guide CRISPR vector (GE100002)
KN203393G2, XLF gRNA vector 2 in pCas-Guide CRISPR vector (GE100002)
KN203393BND, 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_024782](#)

UniProt ID: [Q9H9Q4](#)

Synonyms: XLF

Summary: Double-strand breaks in DNA result from genotoxic stresses and are among the most damaging of DNA lesions. This gene encodes a DNA repair factor essential for the nonhomologous end-joining pathway, which preferentially mediates repair of double-stranded breaks. Mutations in this gene cause different kinds of severe combined immunodeficiency disorders. [provided by RefSeq, Jul 2008]



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Product images:

