

Product datasheet for KN208432BN

YES1 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

YES1 Symbol: 7525 Locus ID:

KN208432G1, YES1 gRNA vector 1 in pCas-Guide CRISPR vector (GE100002) Components:

KN208432G2, YES1 gRNA vector 2 in pCas-Guide CRISPR vector (GE100002)

KN208432BND, 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 005433

UniProt ID: P07947

Synonyms: c-yes; HsT441; P61-YES; Yes

Summary: This gene is the cellular homolog of the Yamaguchi sarcoma virus oncogene. The encoded

protein has tyrosine kinase activity and belongs to the src family of proteins. This gene lies in

close proximity to thymidylate synthase gene on chromosome 18, and a corresponding

pseudogene has been found on chromosome 22. [provided by RefSeq, Jul 2008]



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Product images:

Donor Vector Edited Chromosome



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