

Product datasheet for **KN203478BN**

FHL1 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:	FHL1
Locus ID:	2273
Components:	KN203478G1 , FHL1 gRNA vector 1 in pCas-Guide CRISPR vector (GE100002) KN203478G2 , FHL1 gRNA vector 2 in pCas-Guide CRISPR vector (GE100002) KN203478BND , 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_001159699 , NM_001159700 , NM_001159701 , NM_001159702 , NM_001159703 , NM_001159704 , NM_001167819 , NM_001449 , NR_027621 , NM_001330659 , NM_001369327 , NM_001369329 , NM_001369331 , NM_001369326 , NM_001369328 , NM_001369330
UniProt ID:	Q13642
Synonyms:	FHL-1; FHL1A; FHL1B; FLH1A; KYOT; SLIM; SLIM-1; SLIM1; SLIMMER; XMPMA
Summary:	This gene encodes a member of the four-and-a-half-LIM-only protein family. Family members contain two highly conserved, tandemly arranged, zinc finger domains with four highly conserved cysteines binding a zinc atom in each zinc finger. Expression of these family members occurs in a cell- and tissue-specific mode and these proteins are involved in many cellular processes. Mutations in this gene have been found in patients with Emery-Dreifuss muscular dystrophy. Multiple alternately spliced transcript variants which encode different protein isoforms have been described.[provided by RefSeq, Nov 2009]



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Product images:

